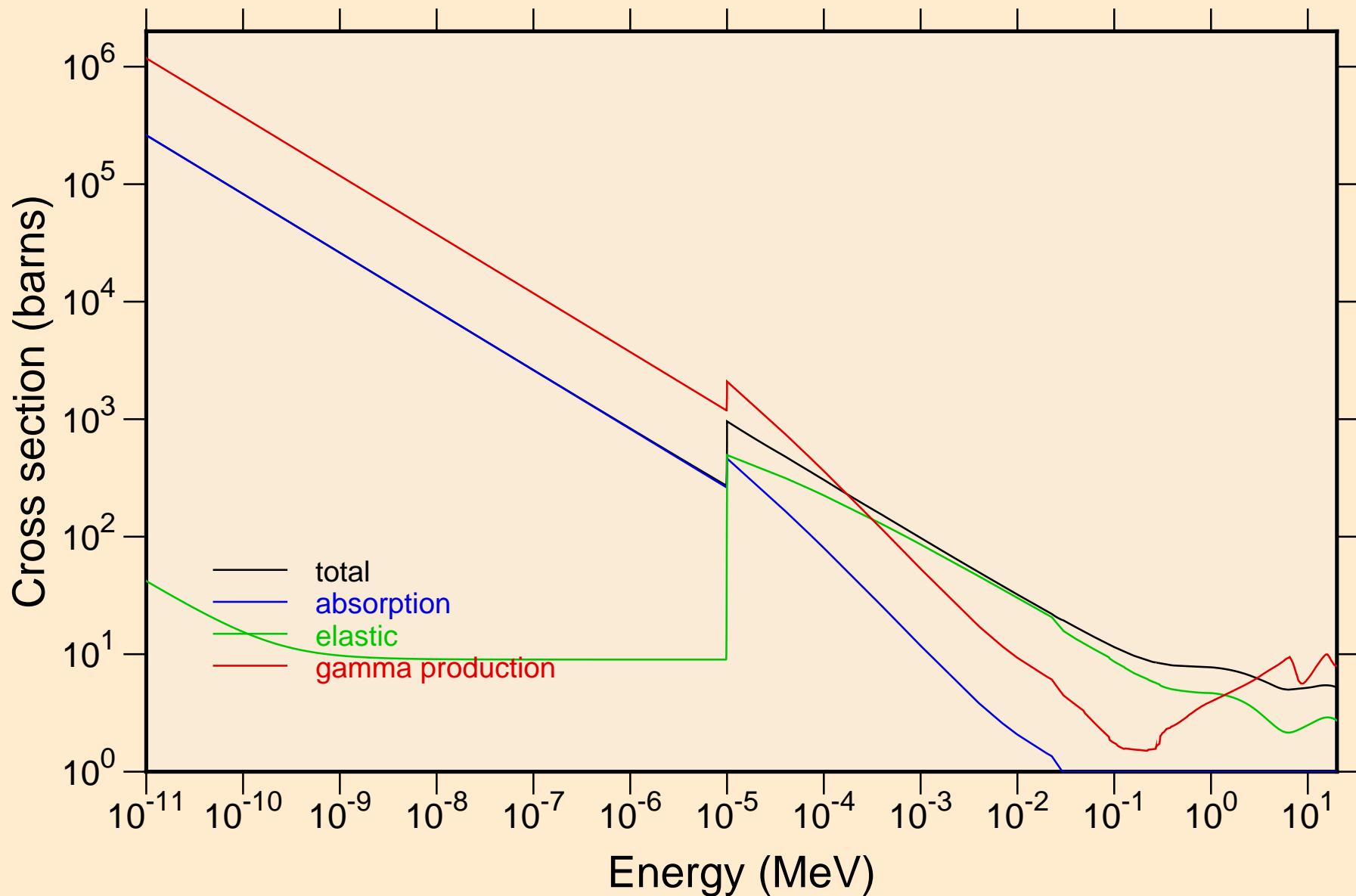


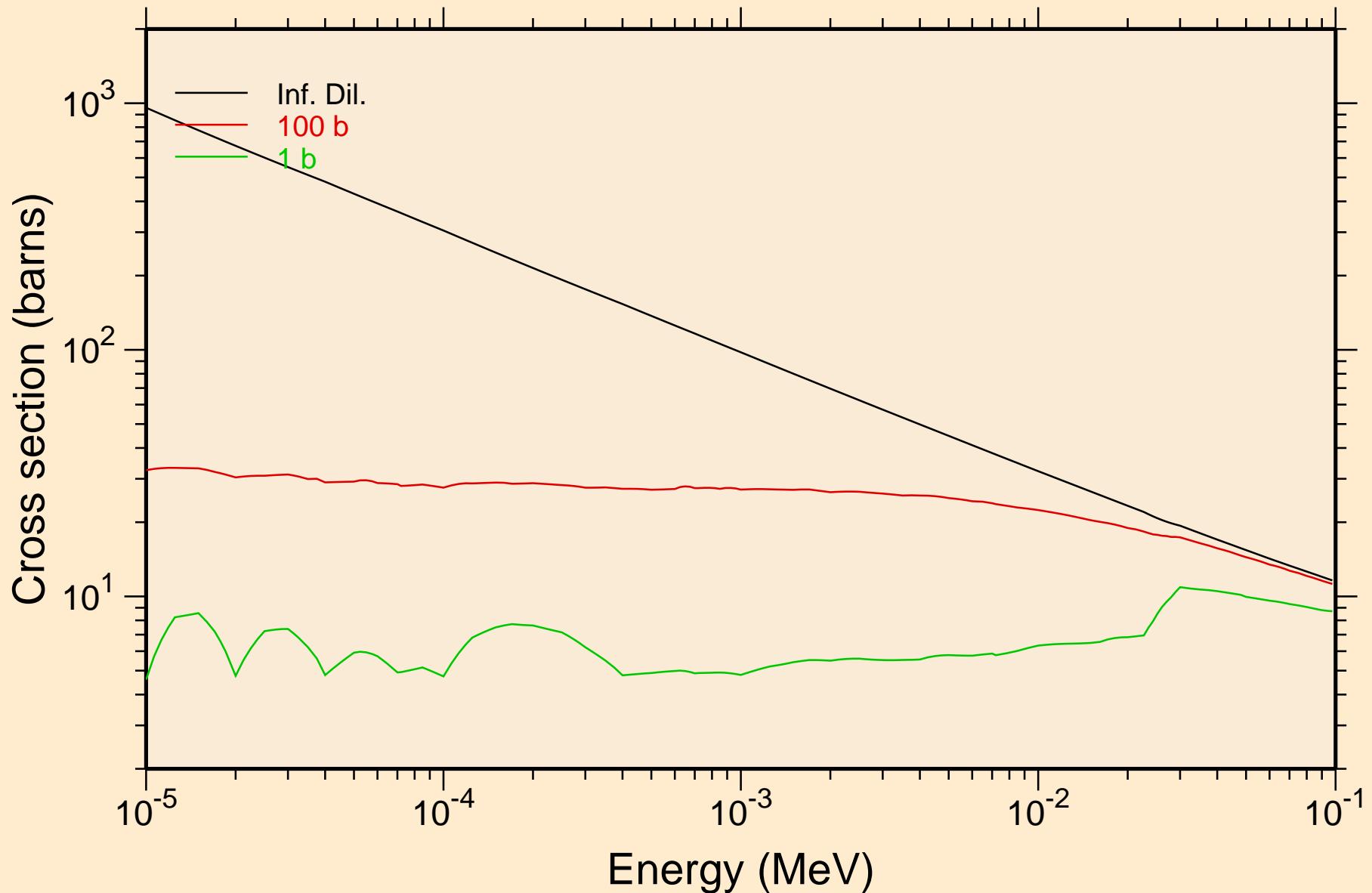
# JENDL-4 EU-156

## Principal cross sections



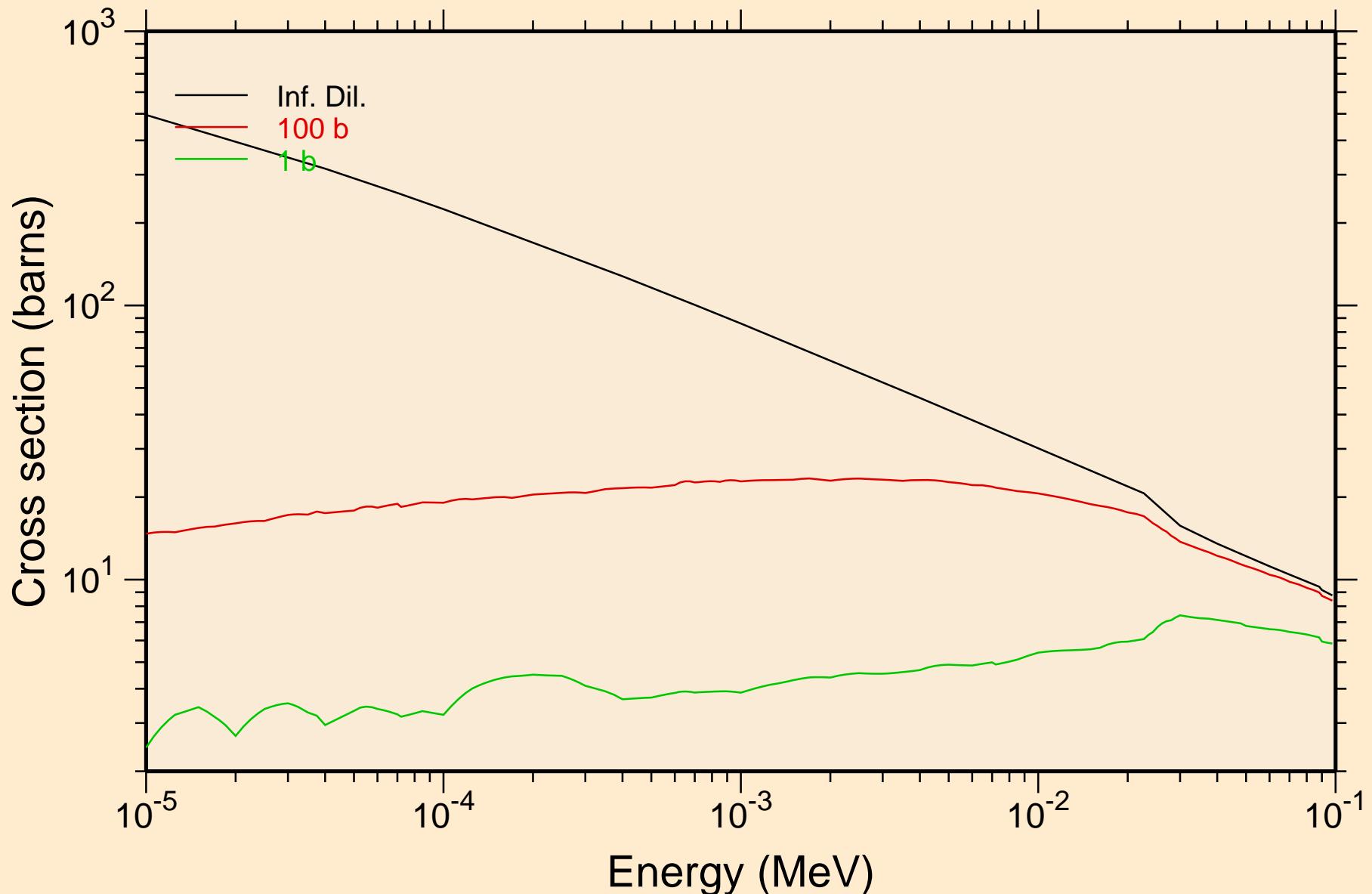
# JENDL-4 EU-156

## UR total cross section



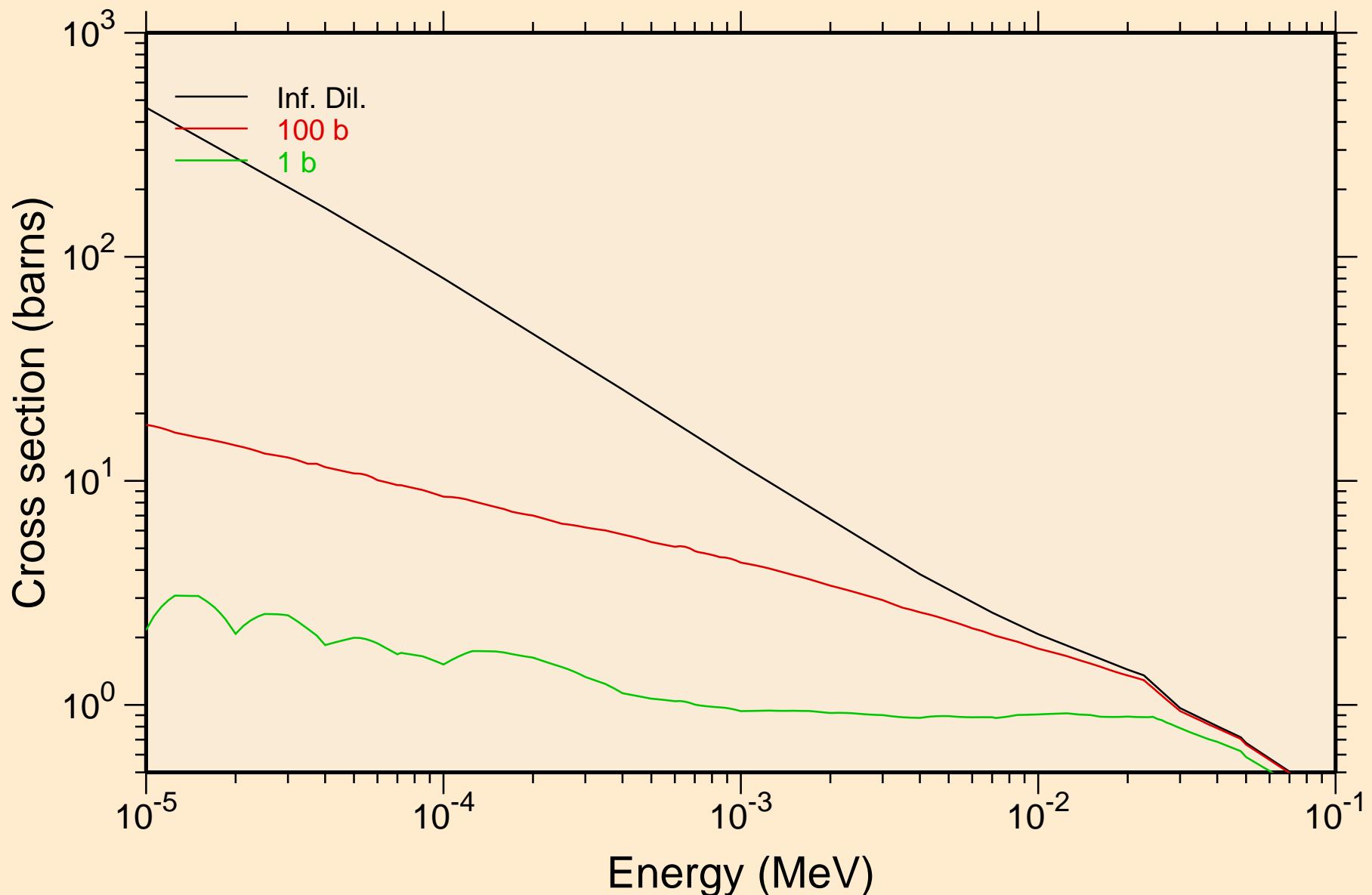
# JENDL-4 EU-156

## UR elastic cross section

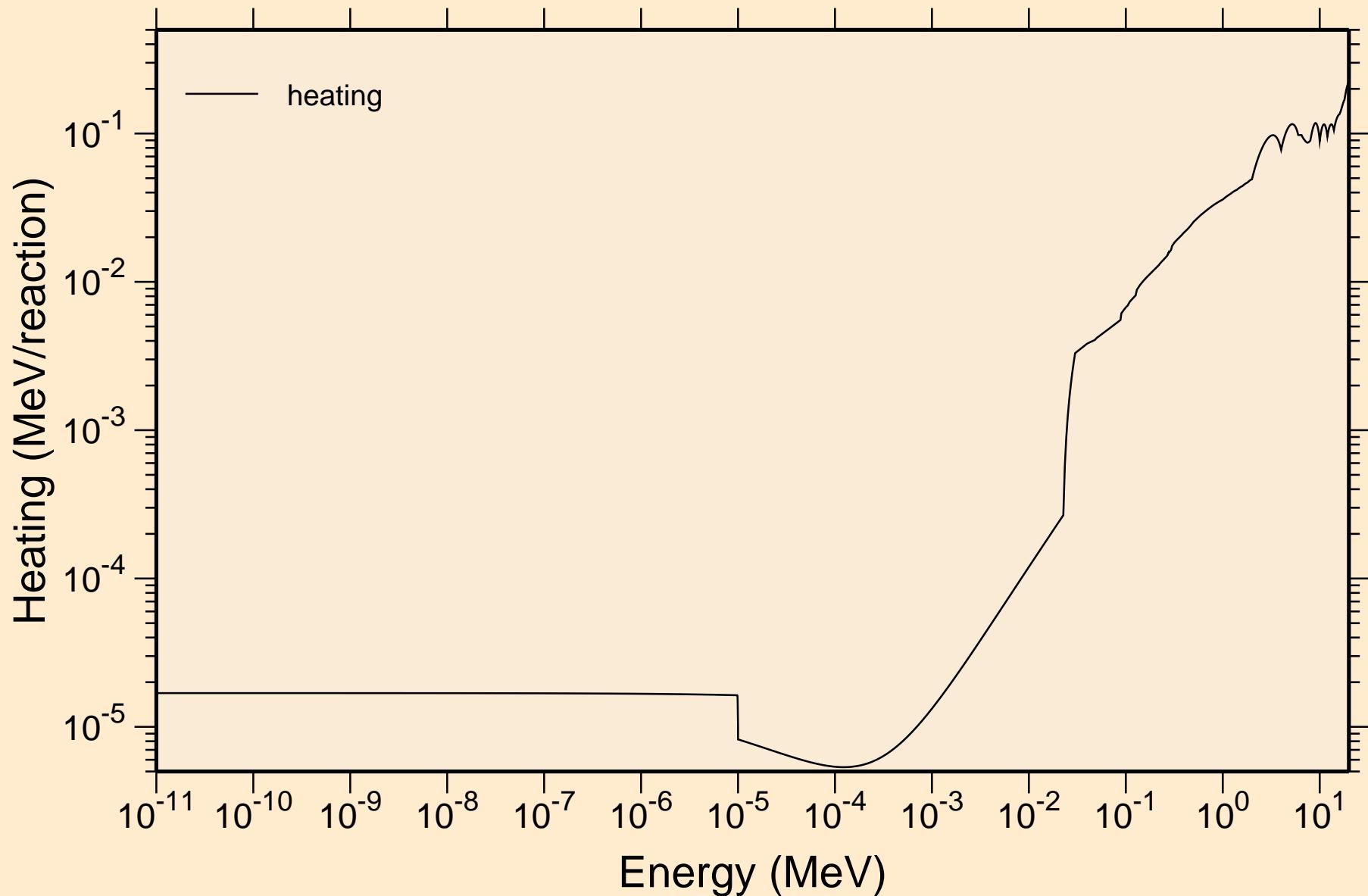


# JENDL-4 EU-156

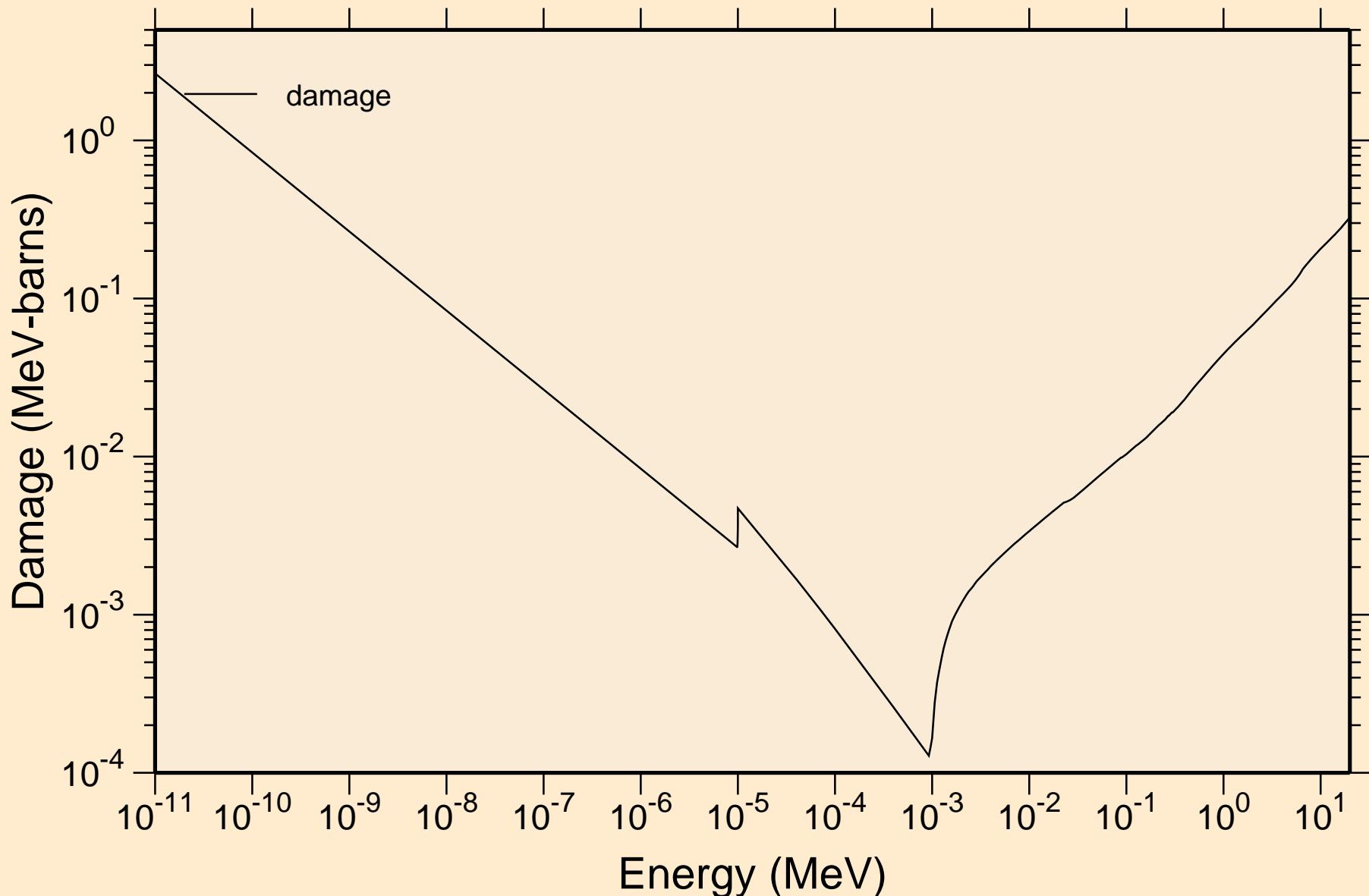
## UR capture cross section



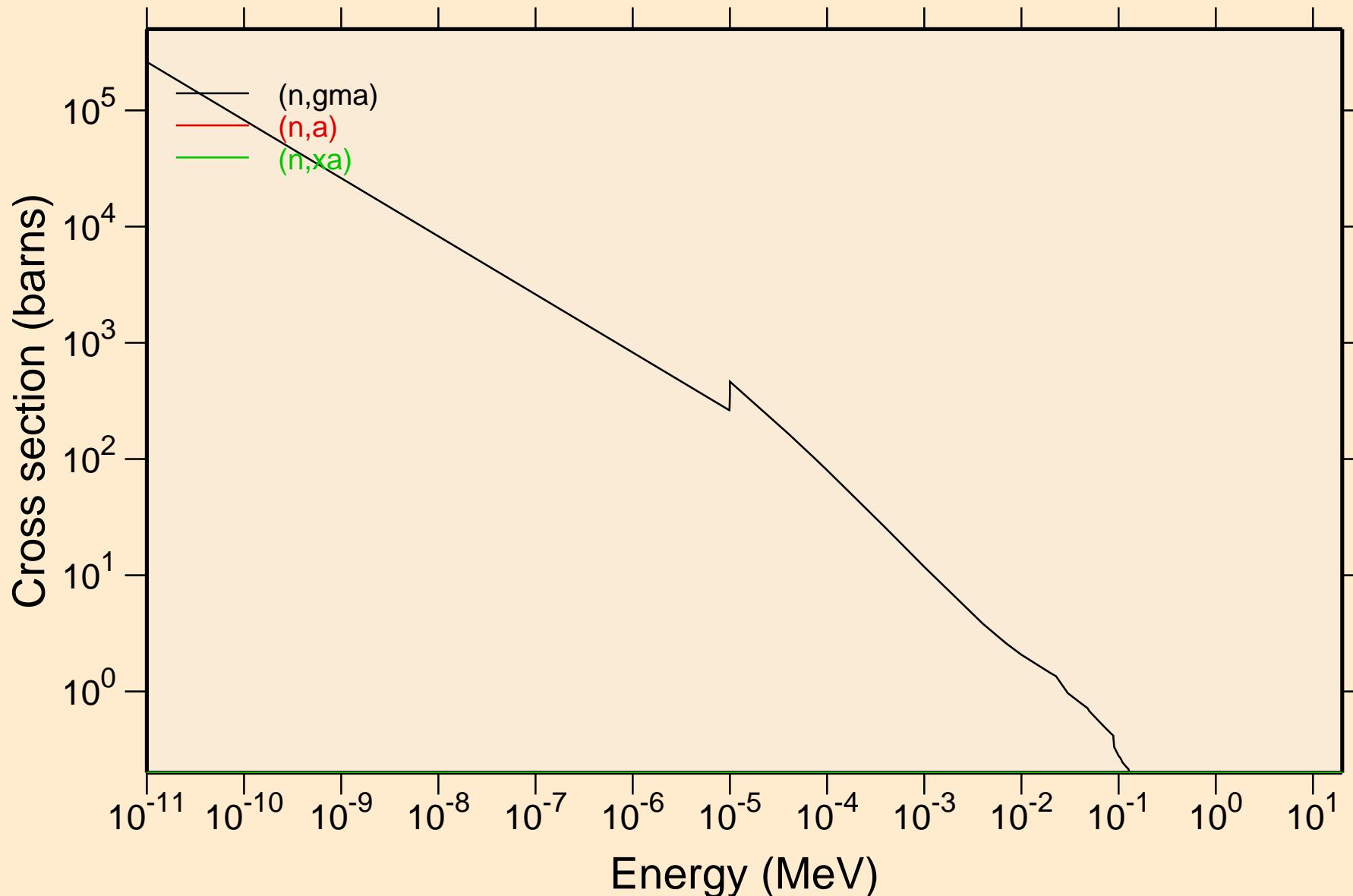
JENDL-4 EU-156  
Heating



JENDL-4 EU-156  
Damage

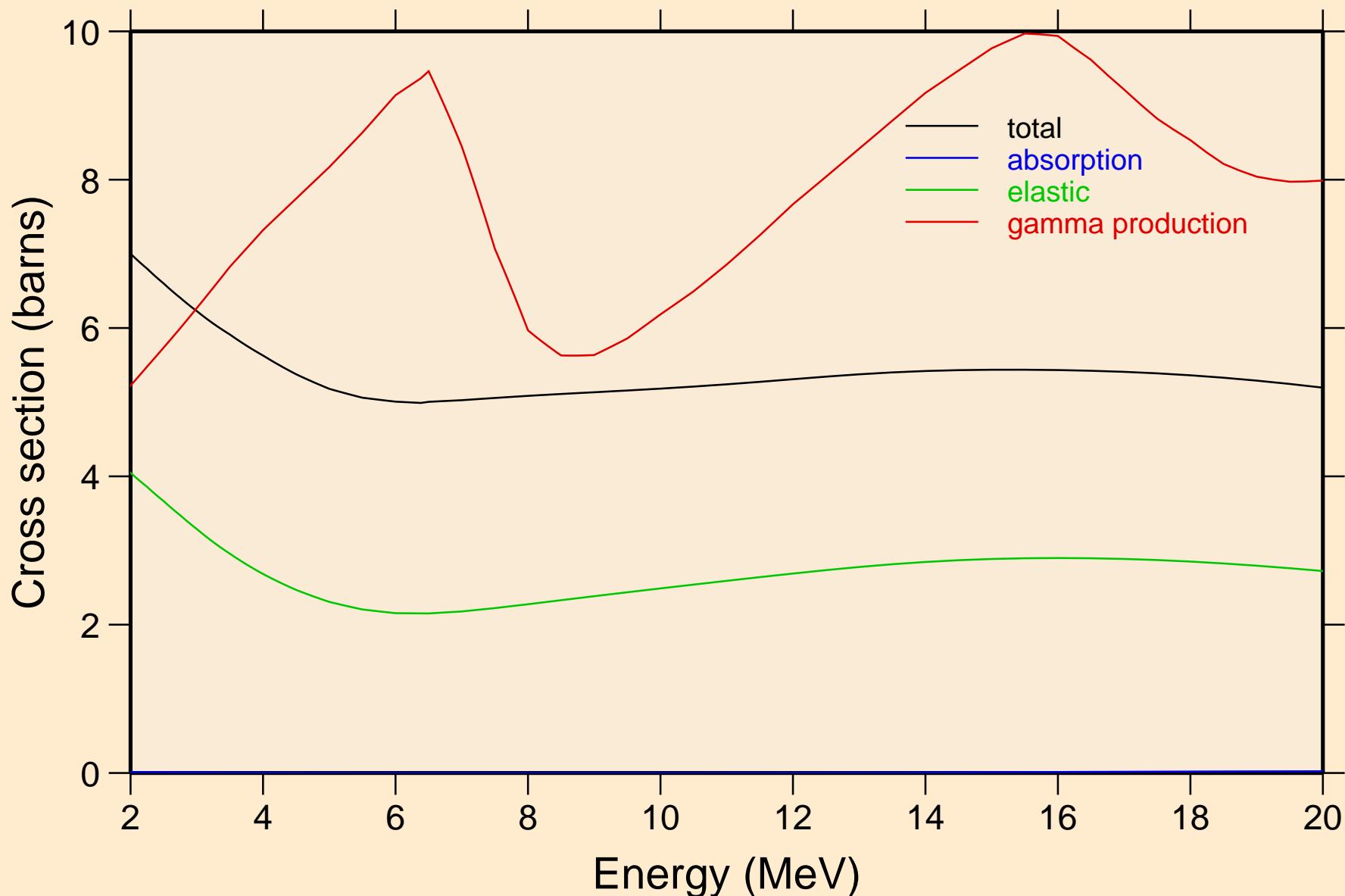


JENDL-4 EU-156  
Non-threshold reactions

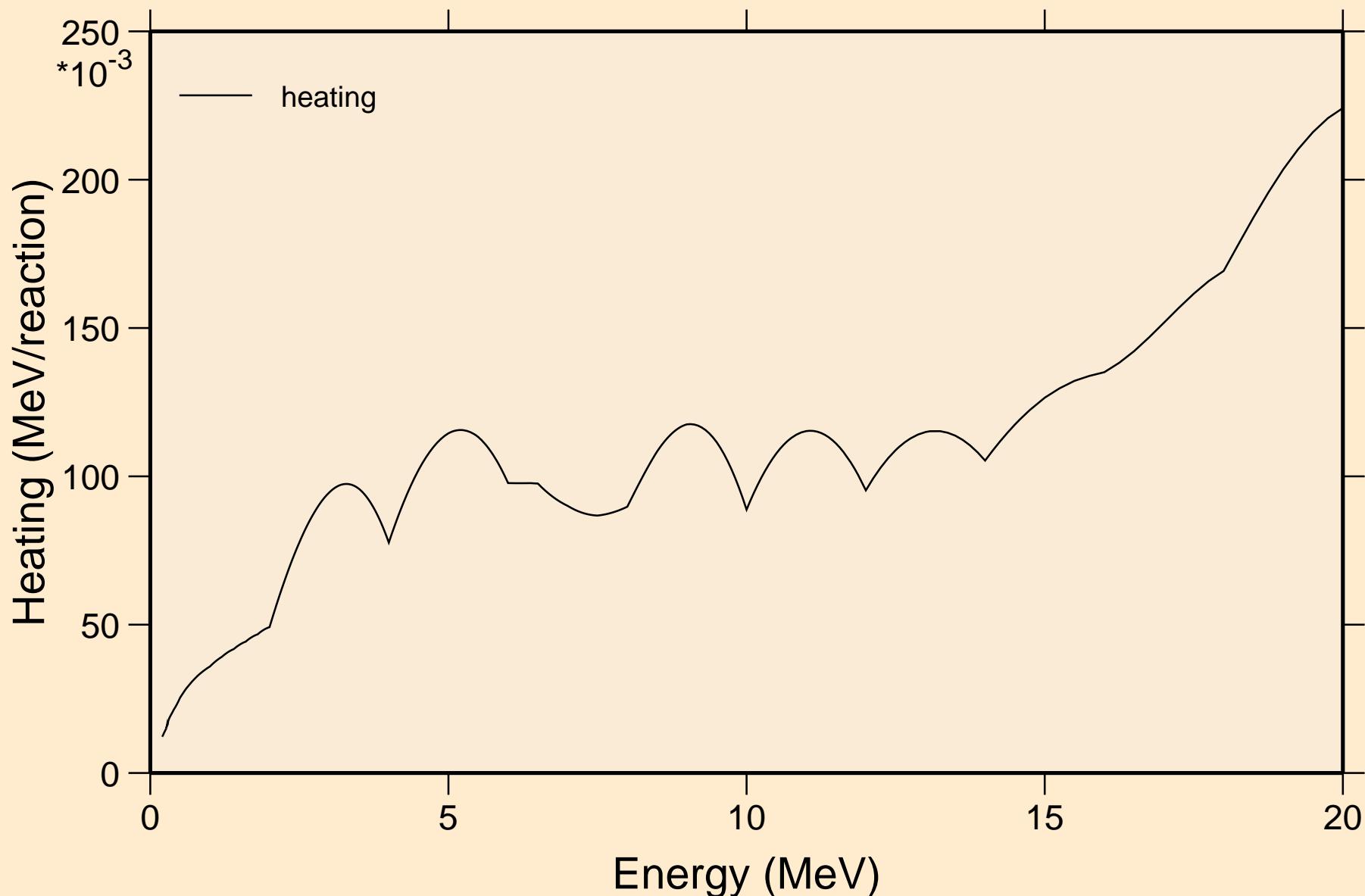


# JENDL-4 EU-156

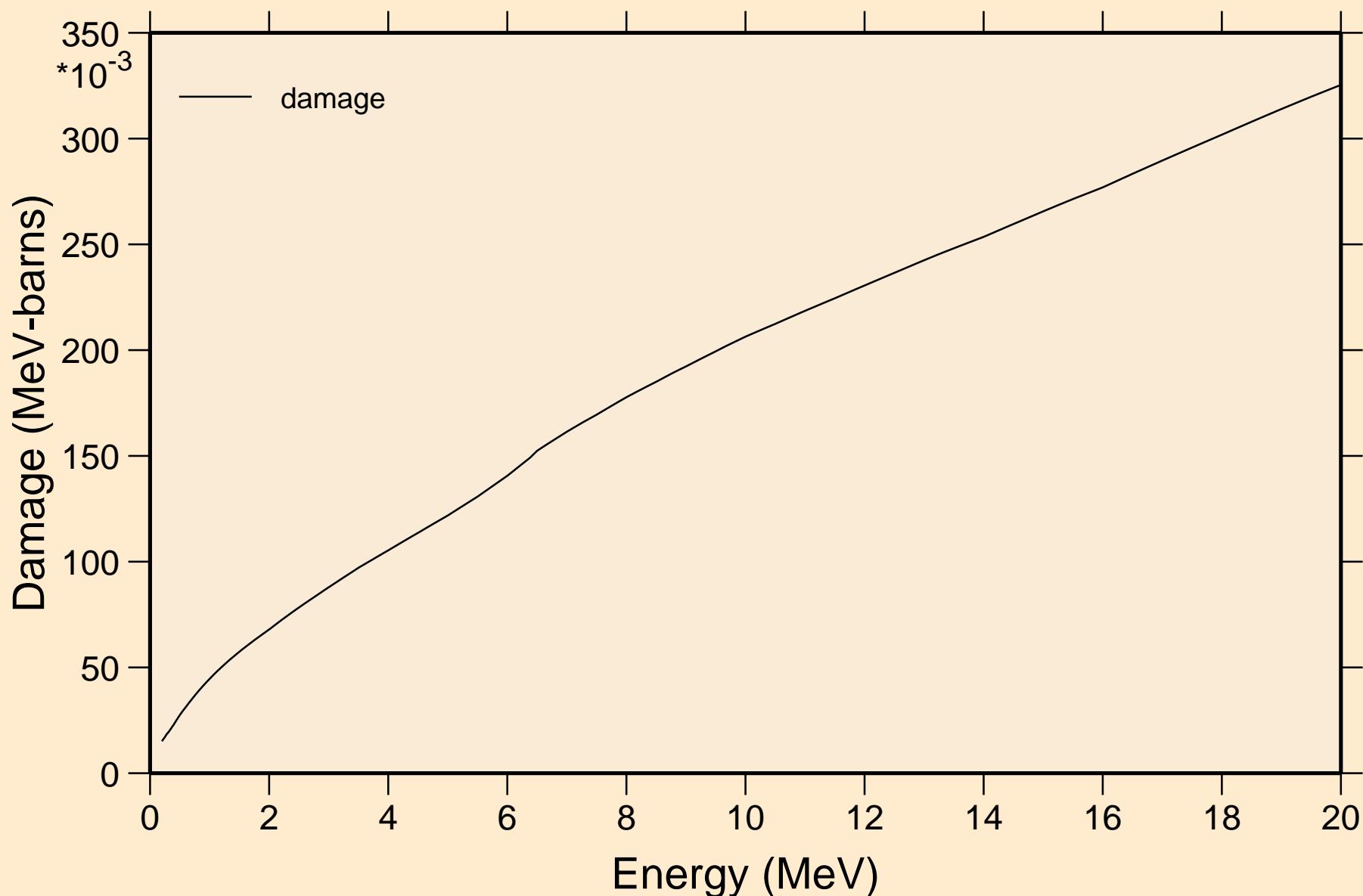
## Principal cross sections



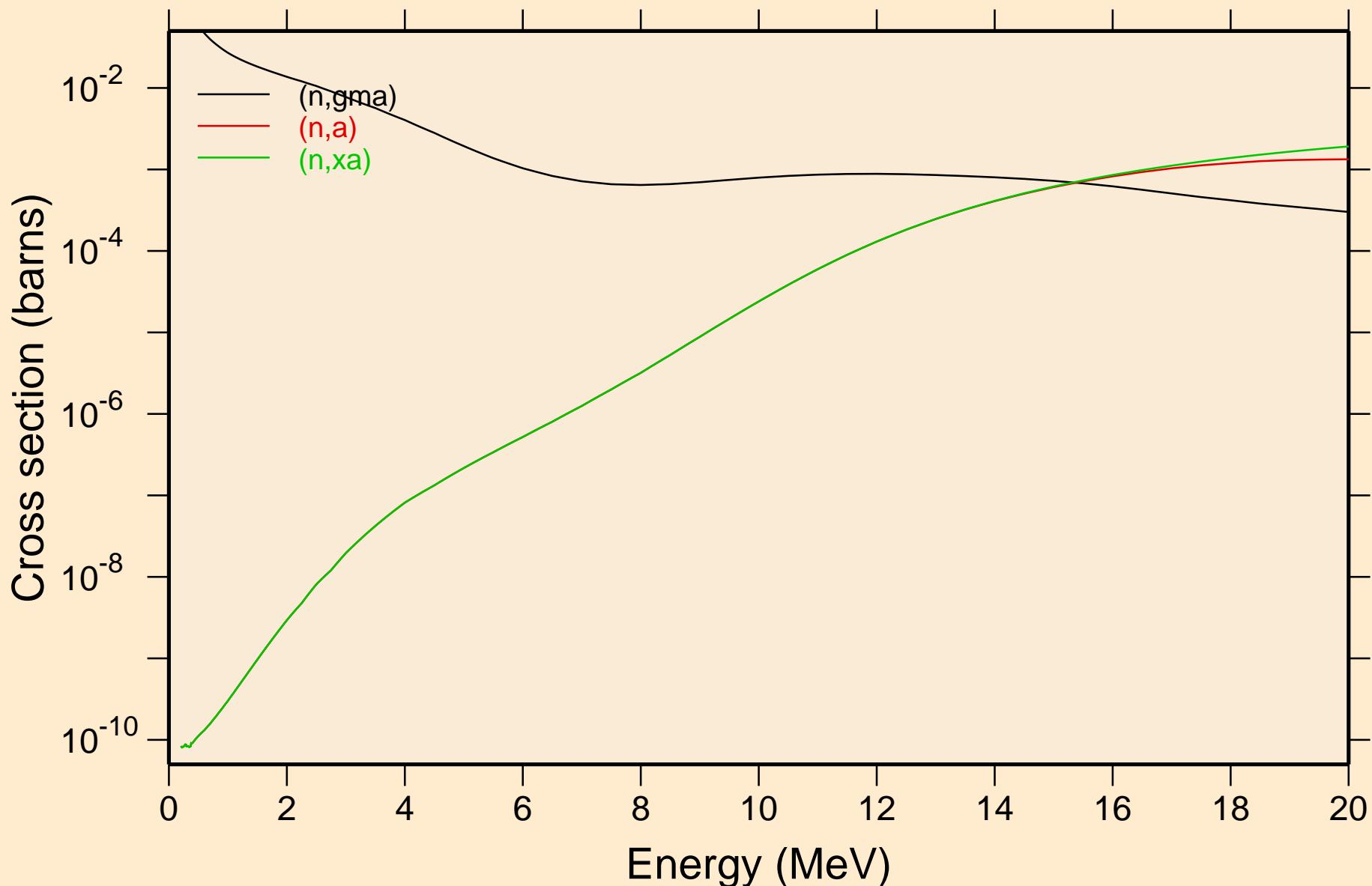
JENDL-4 EU-156  
Heating



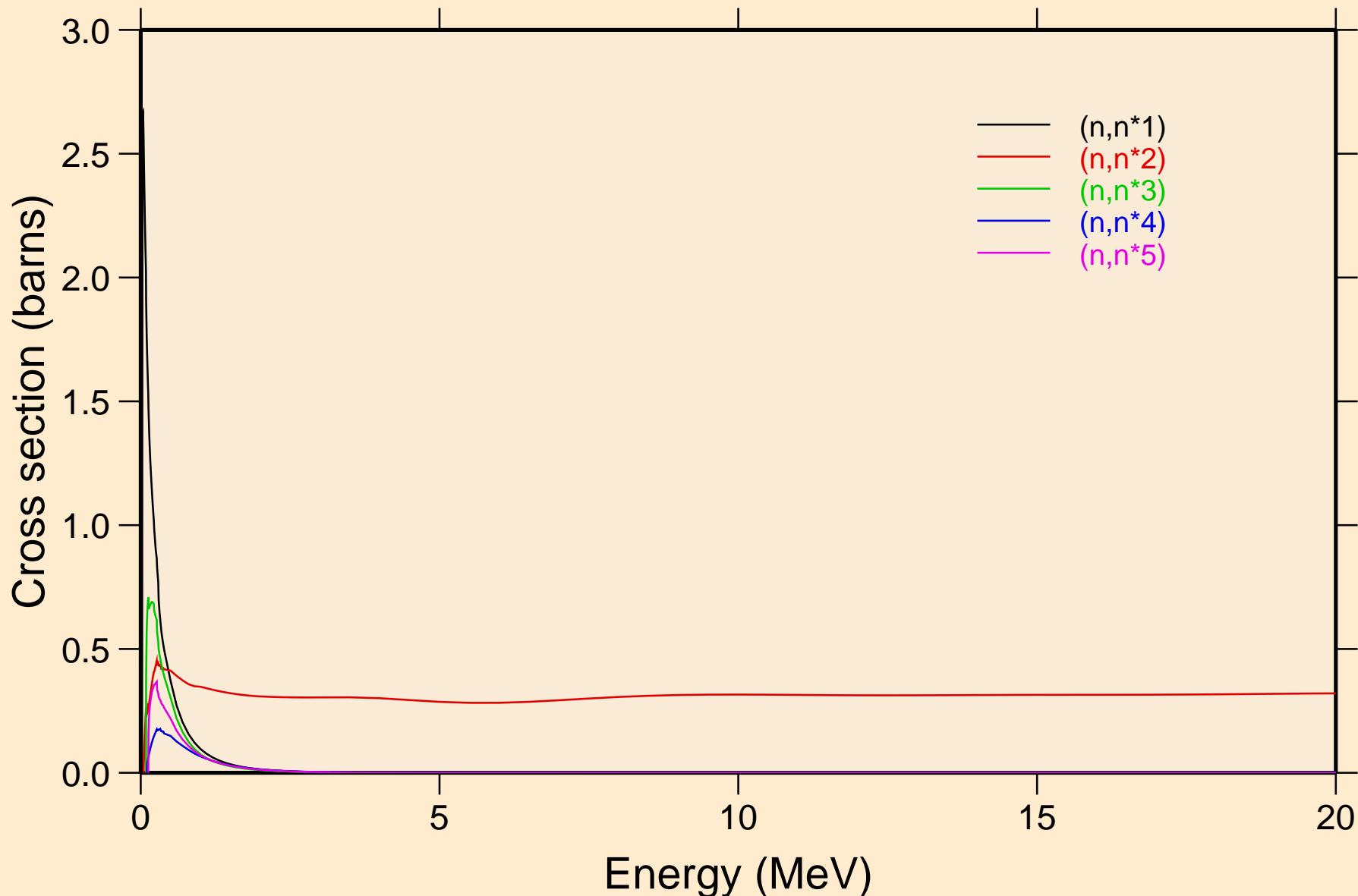
JENDL-4 EU-156  
Damage



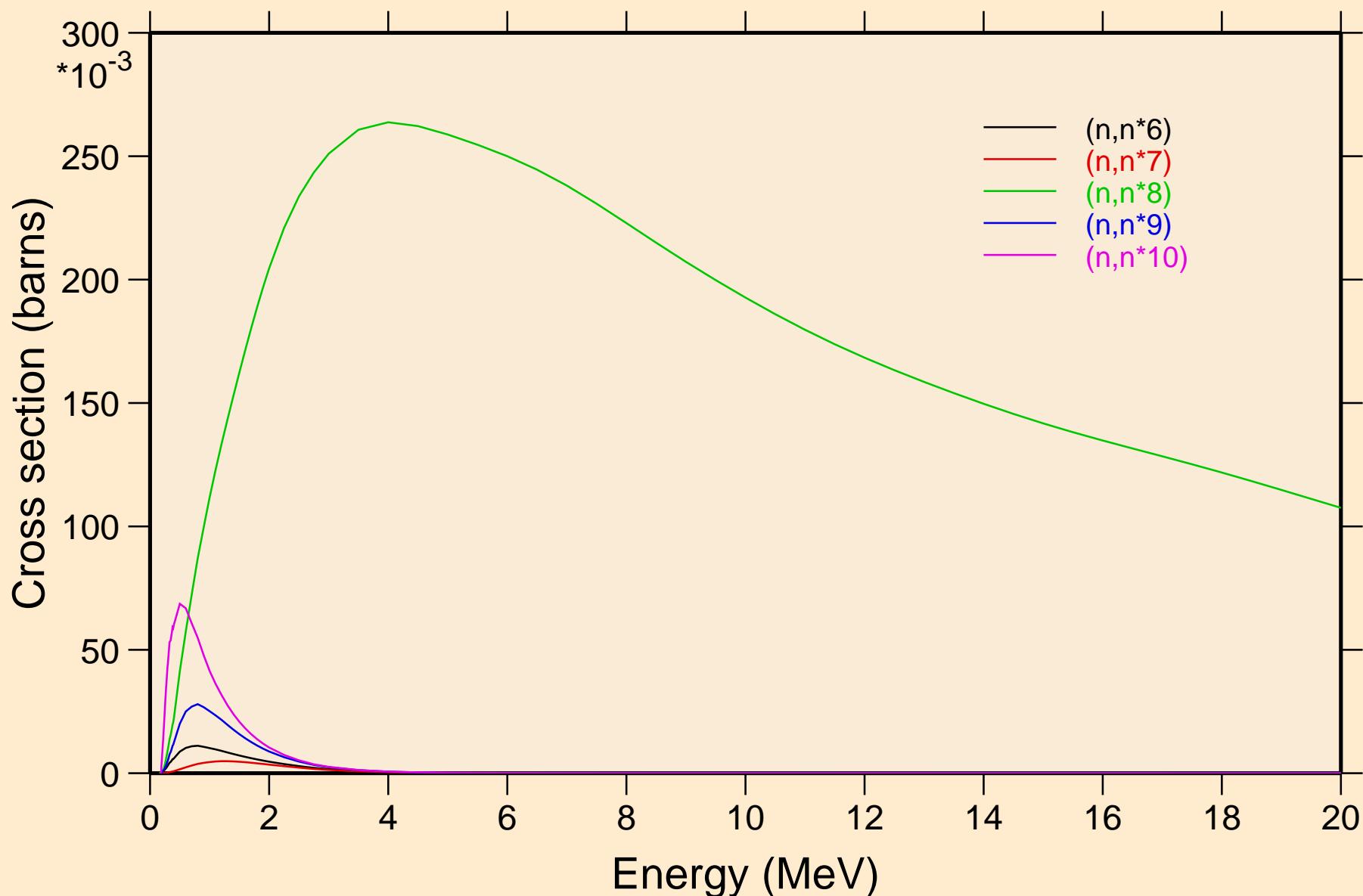
JENDL-4 EU-156  
Non-threshold reactions



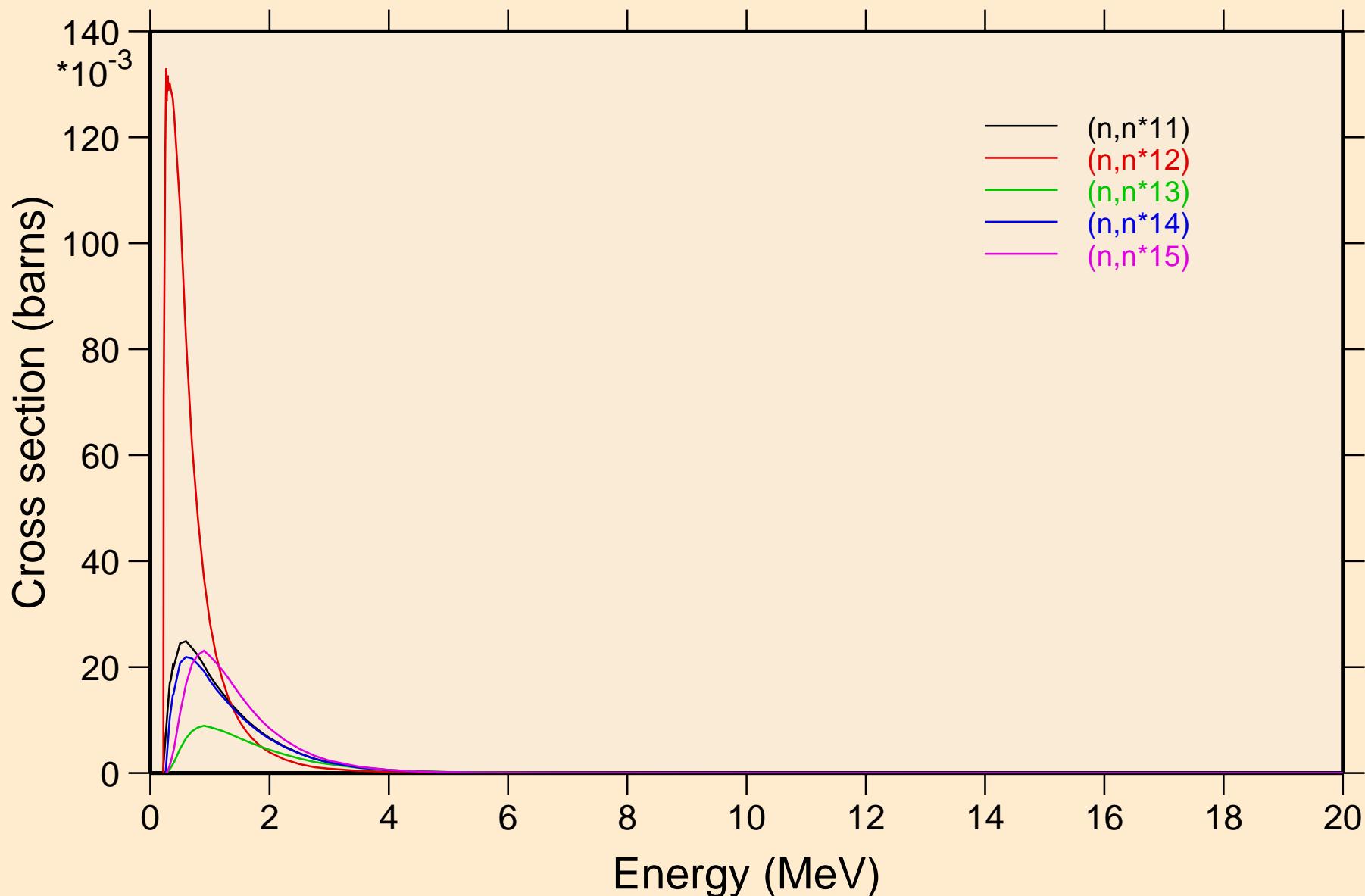
JENDL-4 EU-156  
Inelastic levels



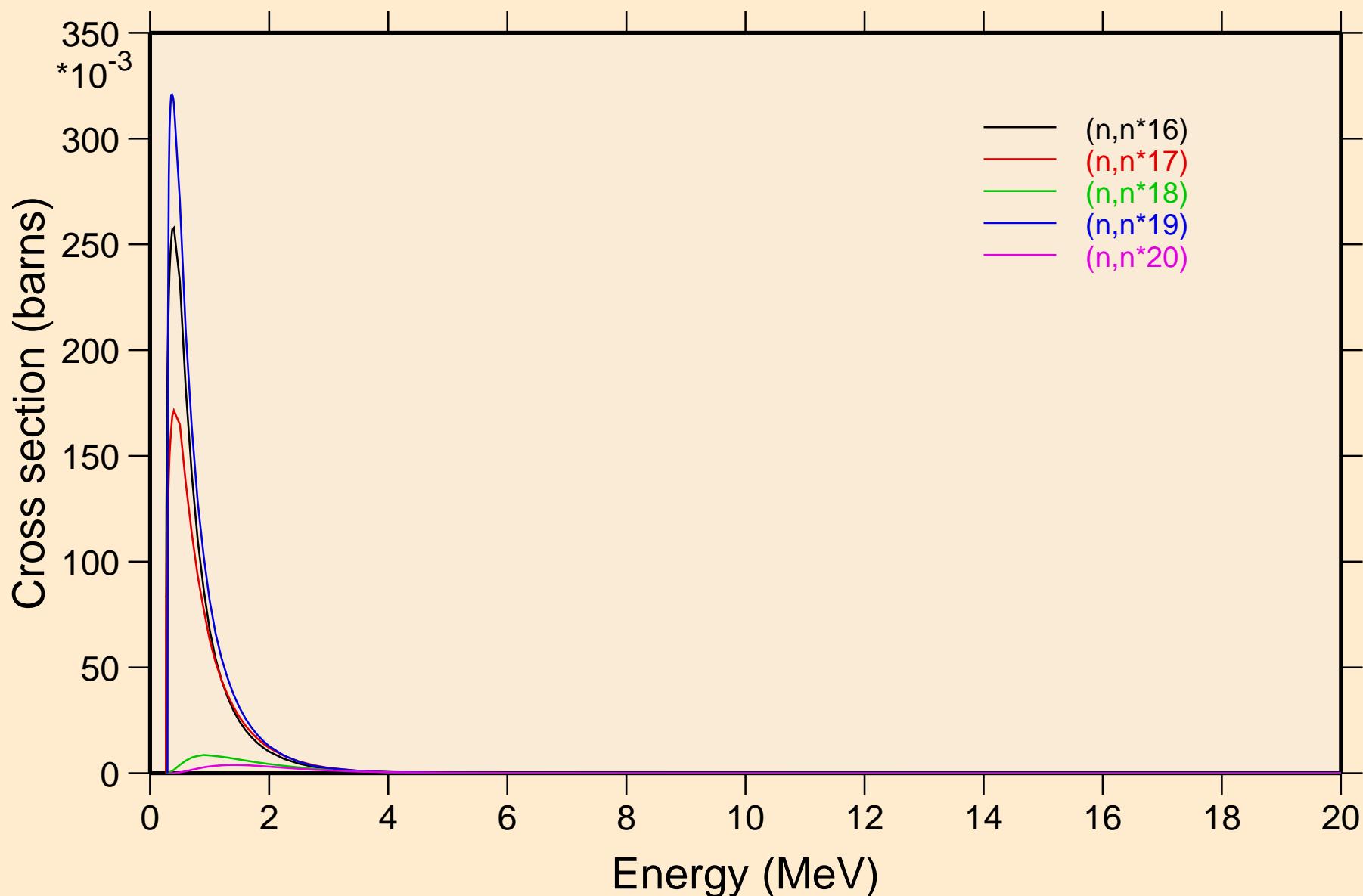
JENDL-4 EU-156  
Inelastic levels



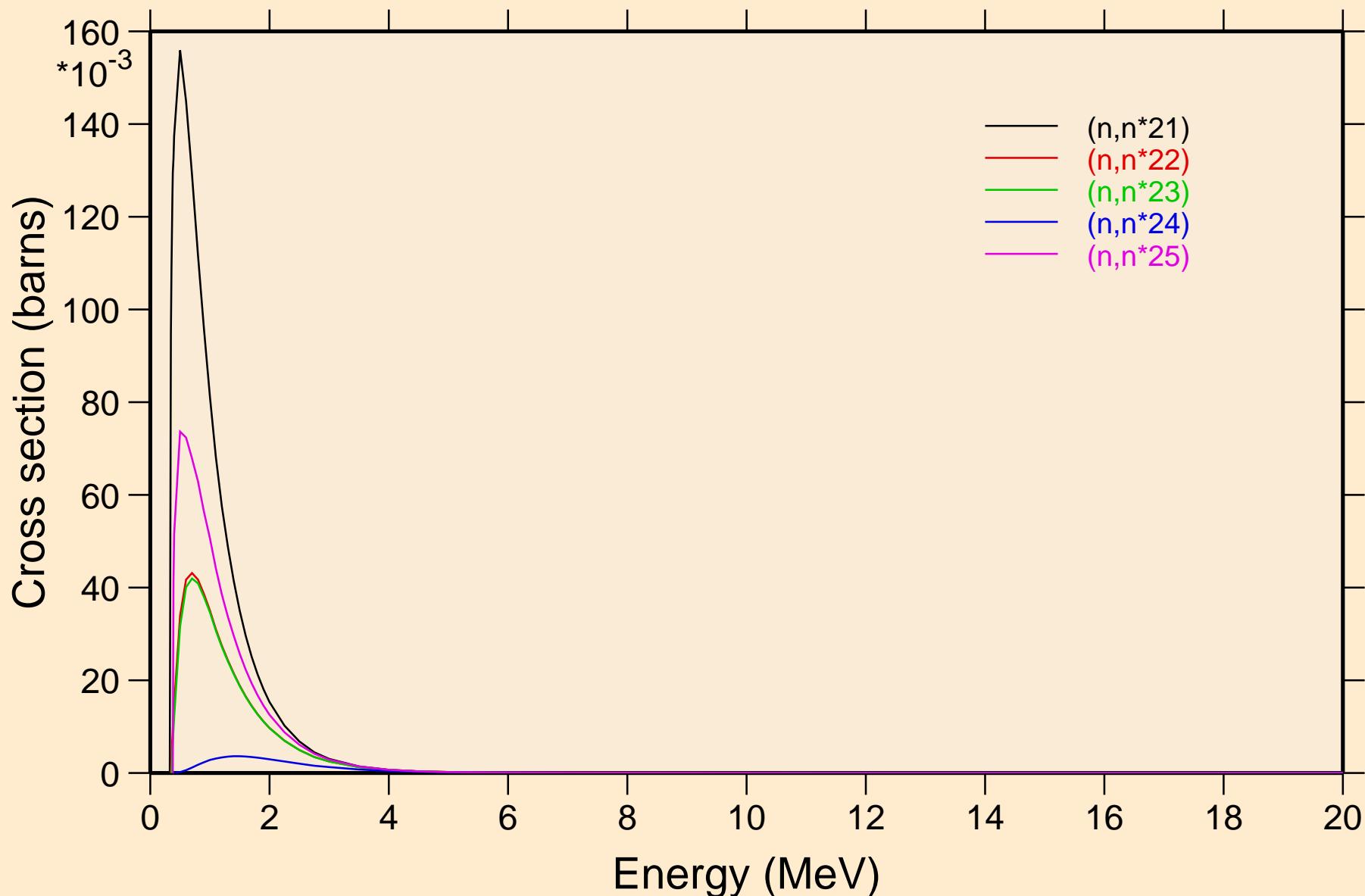
JENDL-4 EU-156  
Inelastic levels



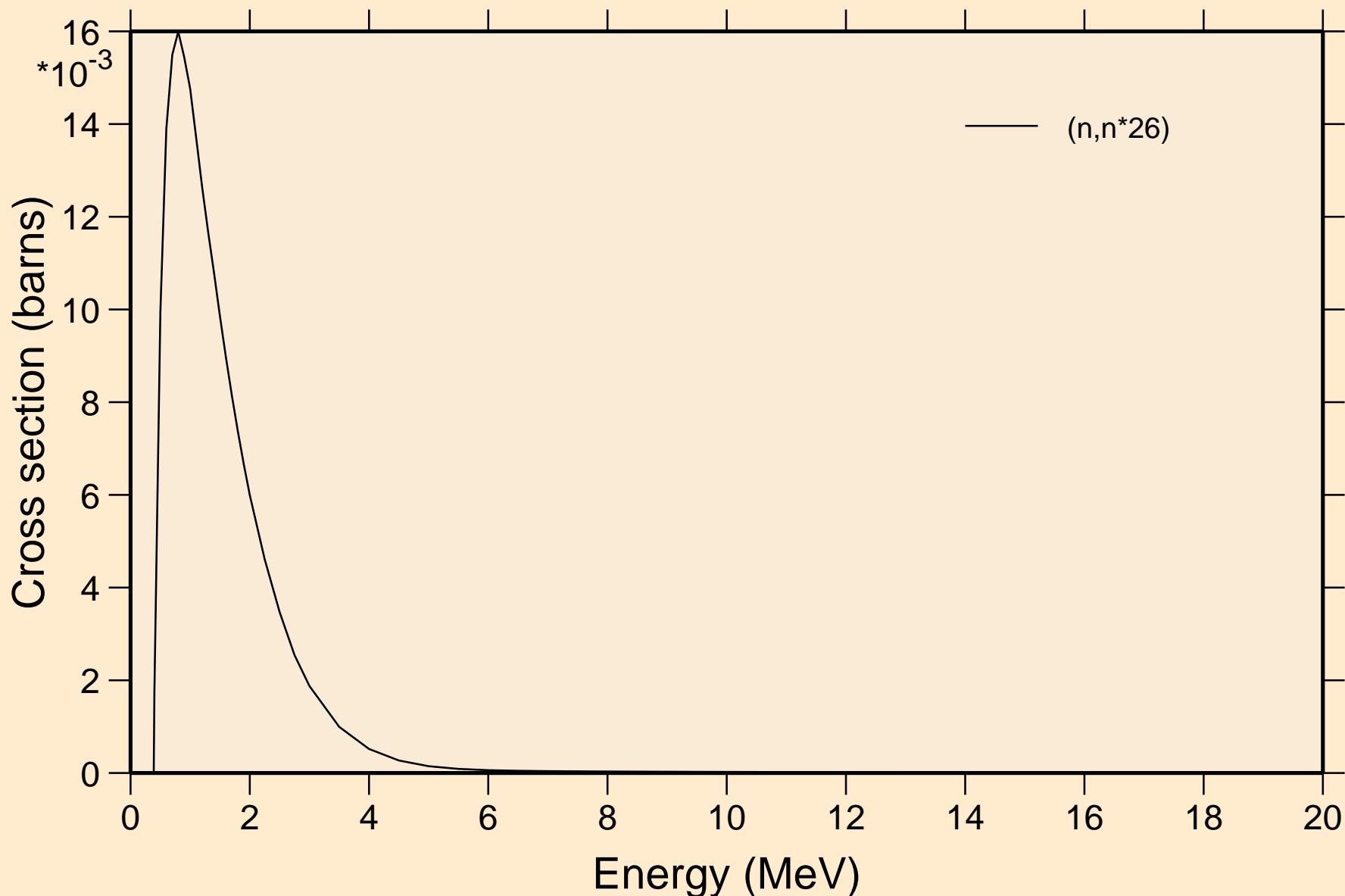
JENDL-4 EU-156  
Inelastic levels



JENDL-4 EU-156  
Inelastic levels

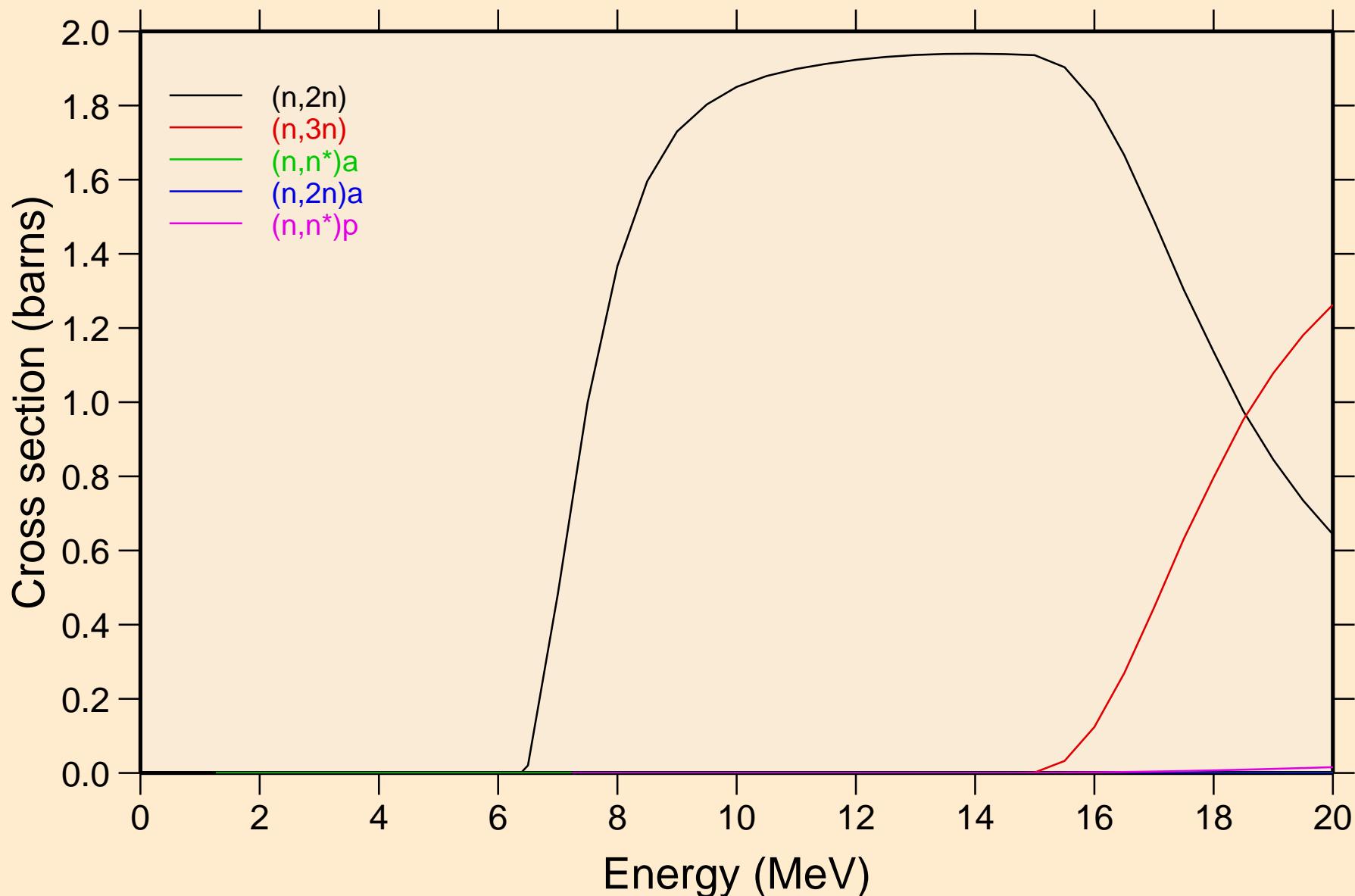


JENDL-4 EU-156  
Inelastic levels



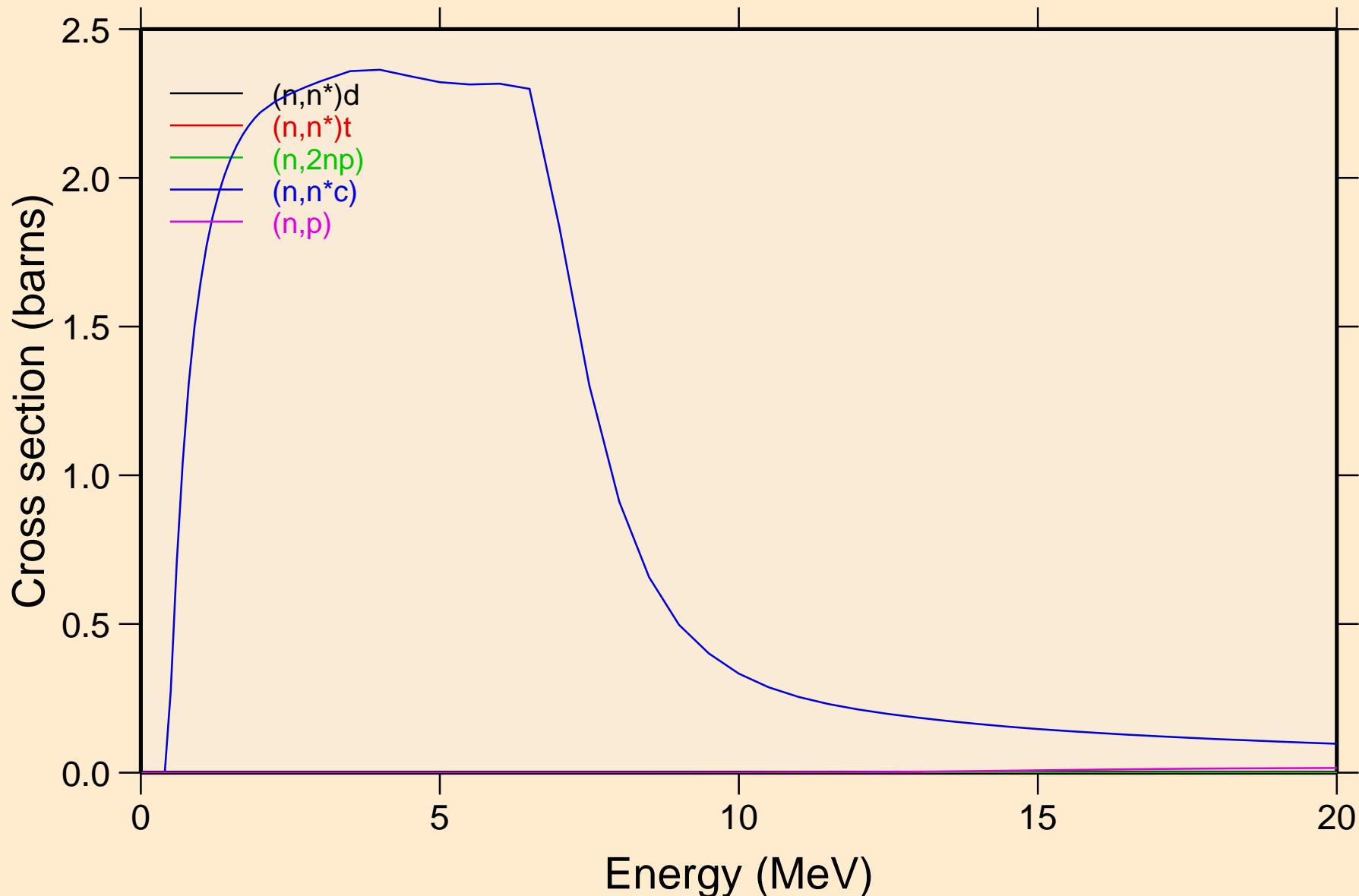
# JENDL-4 EU-156

## Threshold reactions



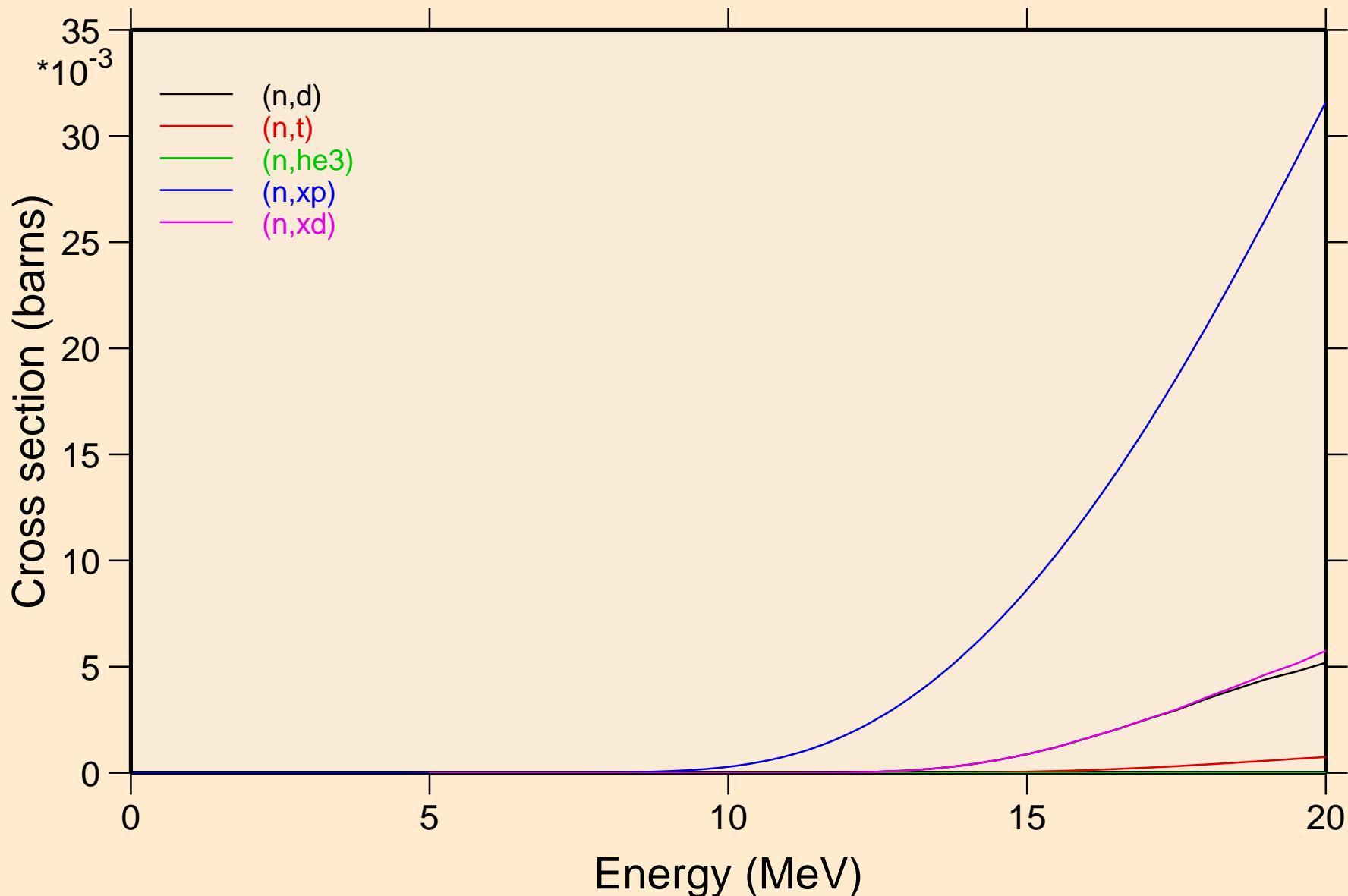
# JENDL-4 EU-156

## Threshold reactions

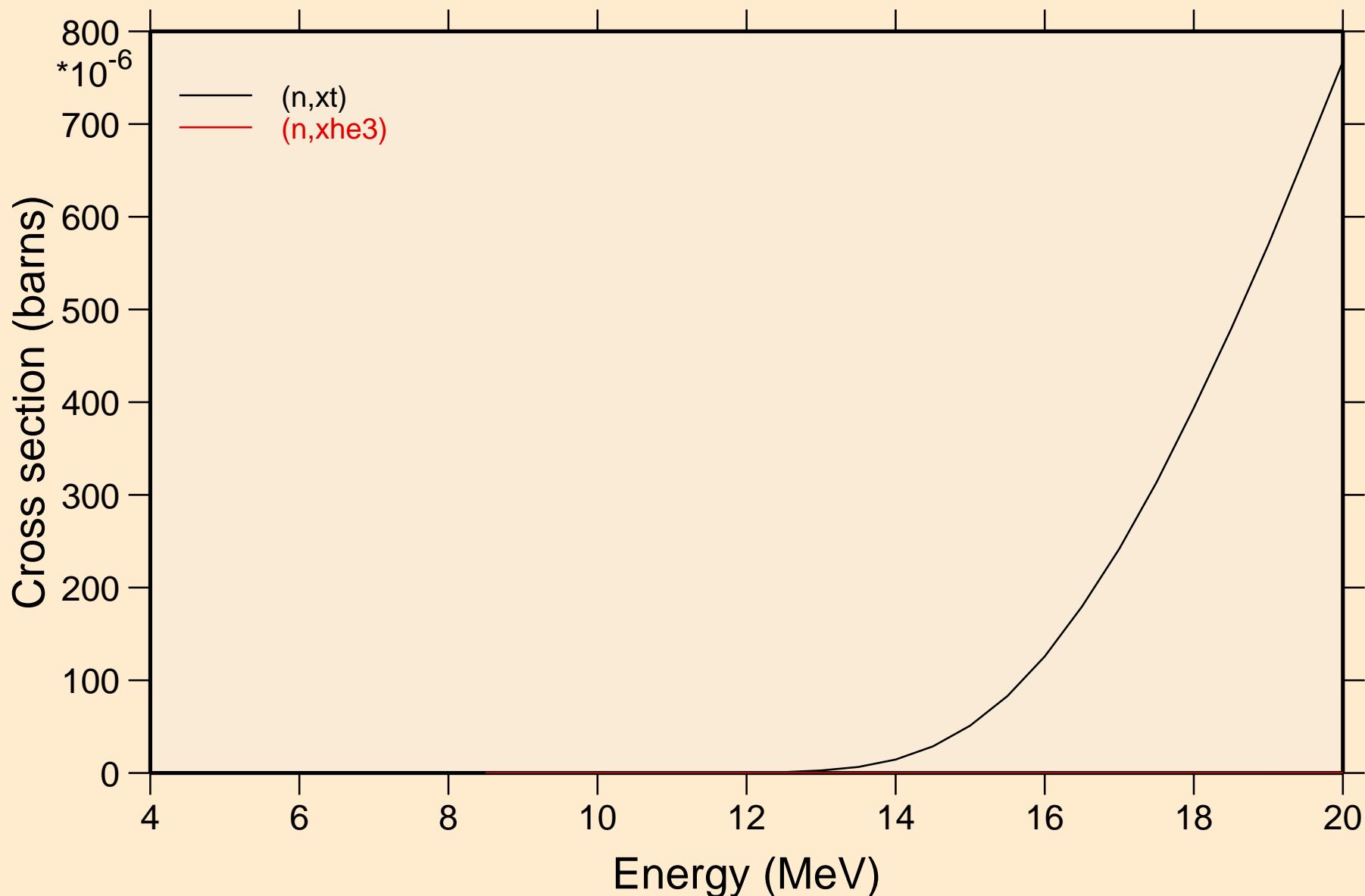


# JENDL-4 EU-156

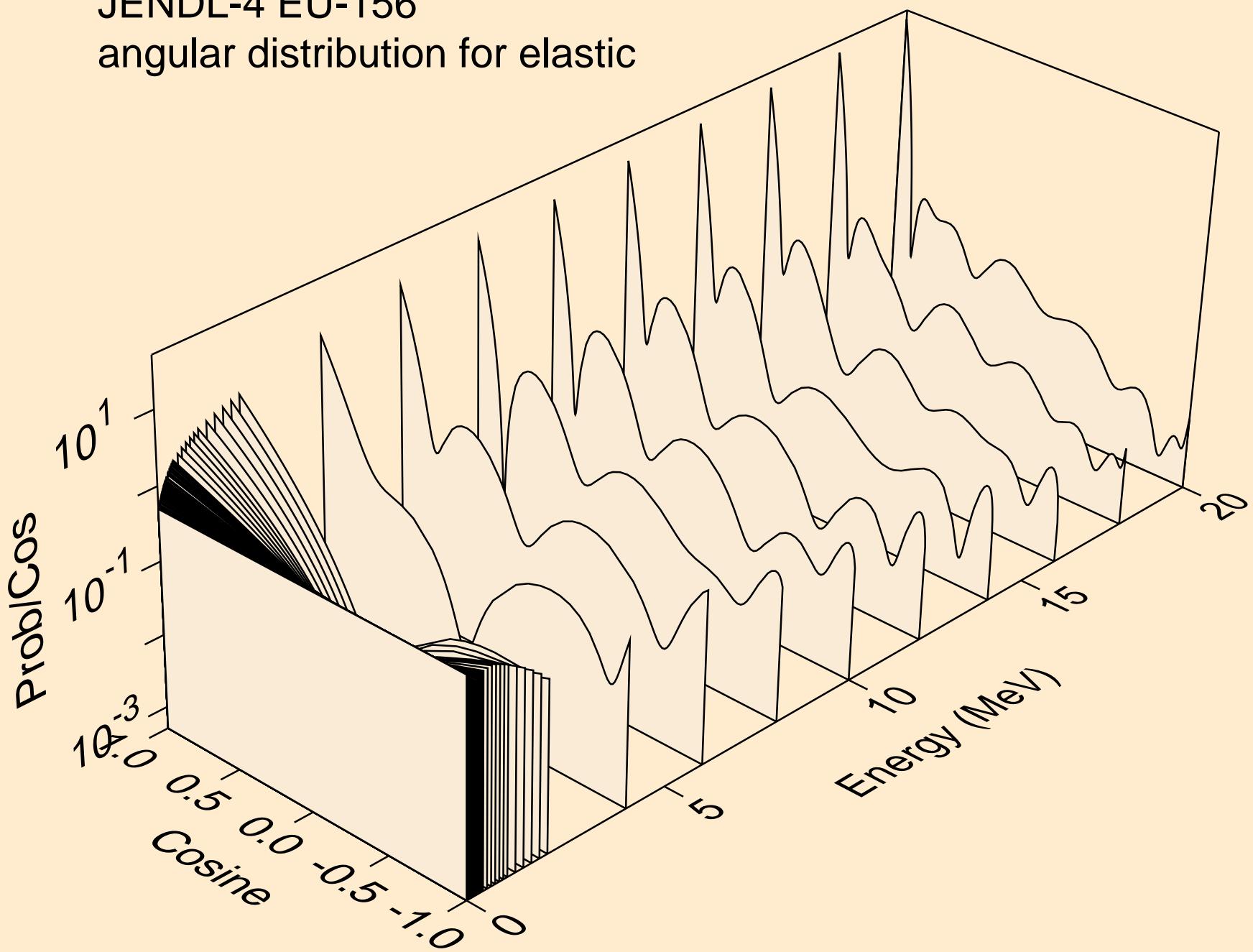
## Threshold reactions



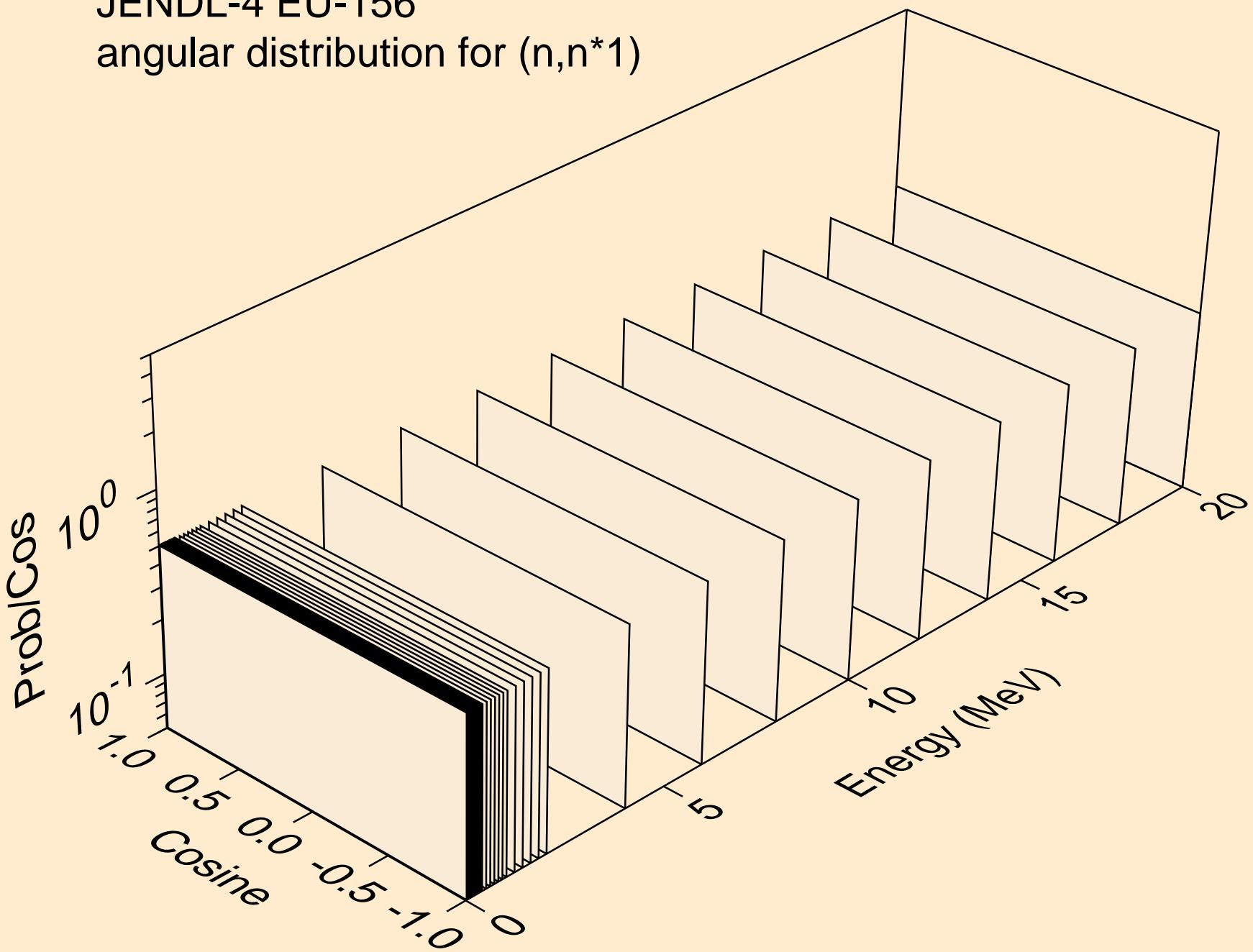
JENDL-4 EU-156  
Threshold reactions



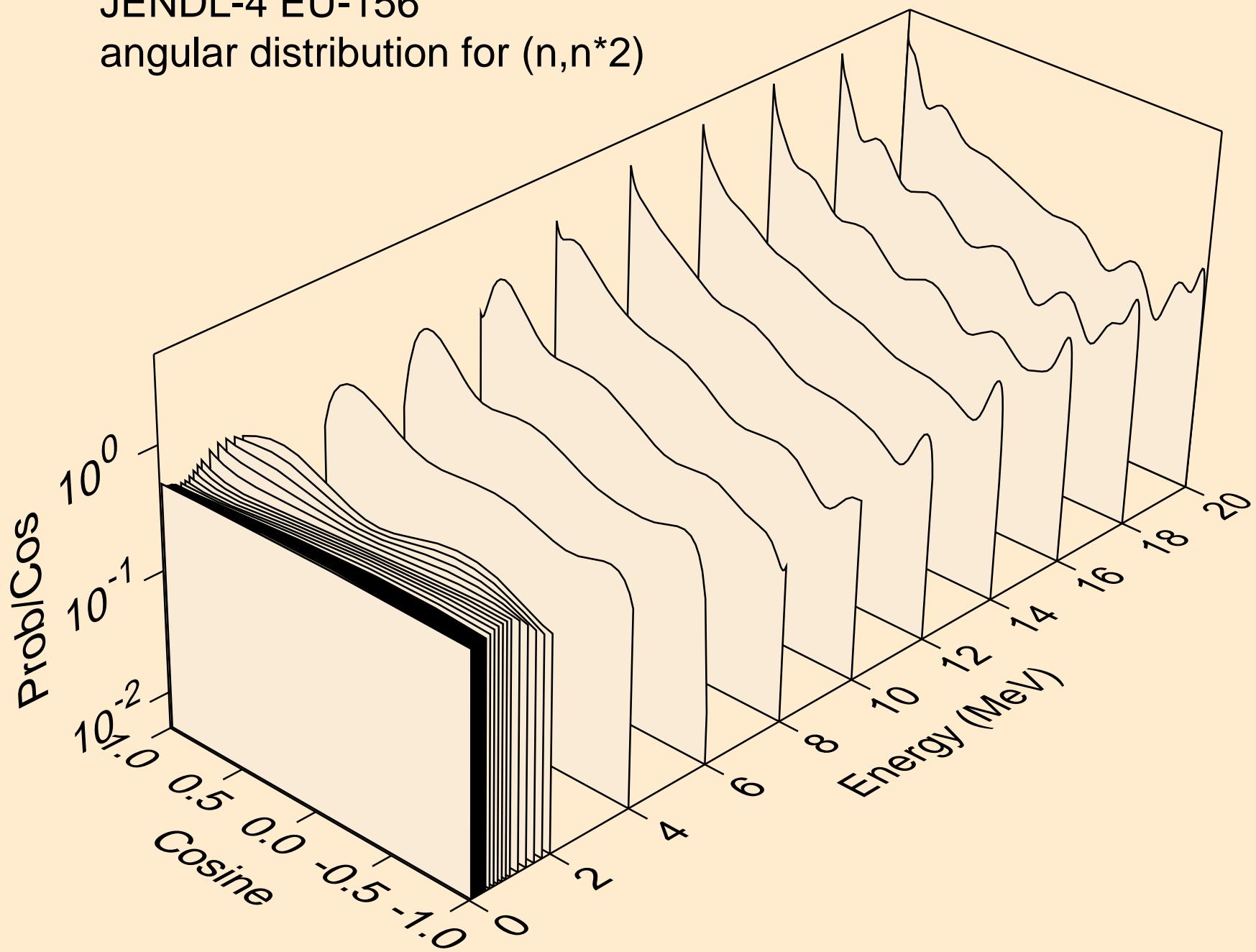
JENDL-4 EU-156  
angular distribution for elastic



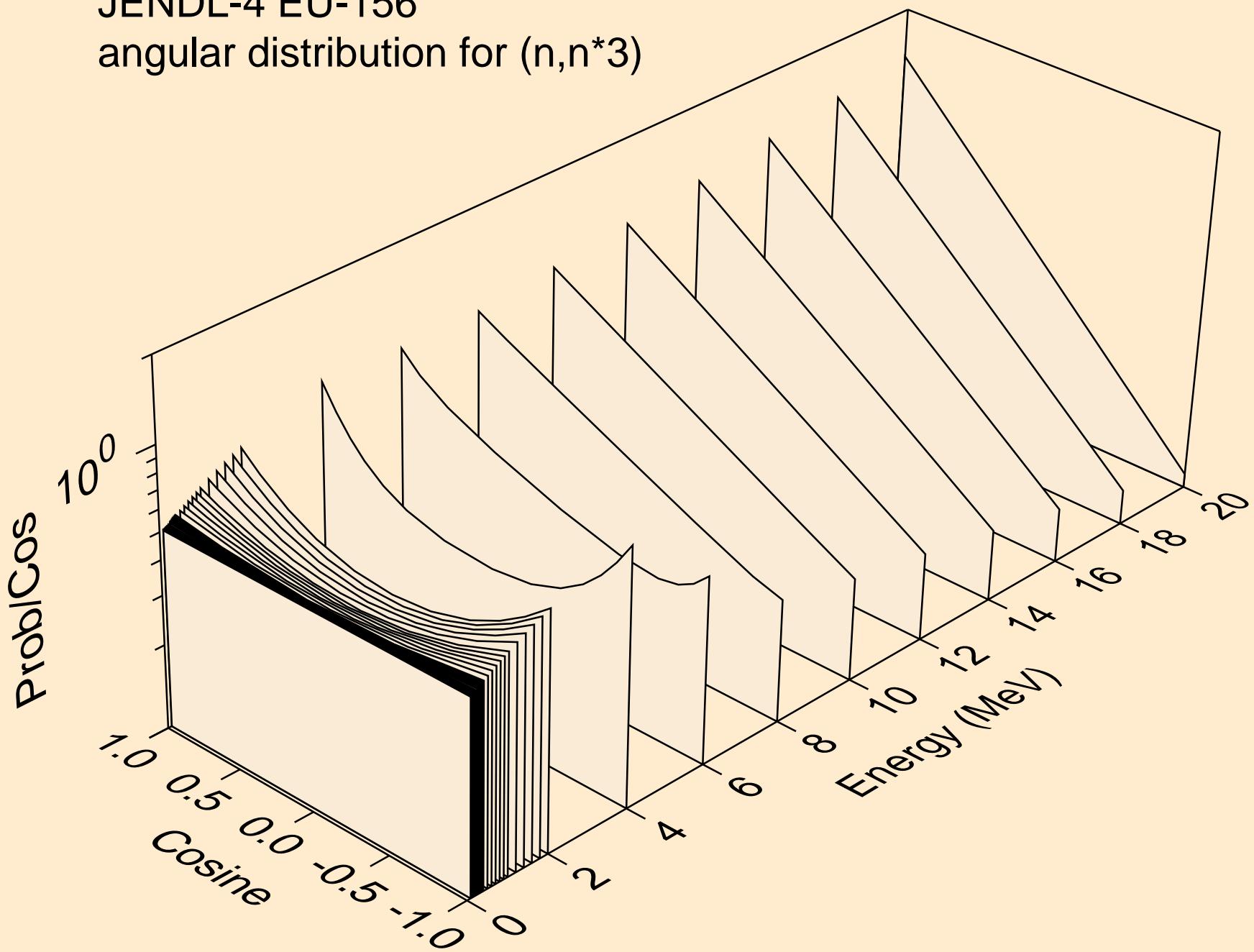
JENDL-4 EU-156  
angular distribution for (n,n\*1)



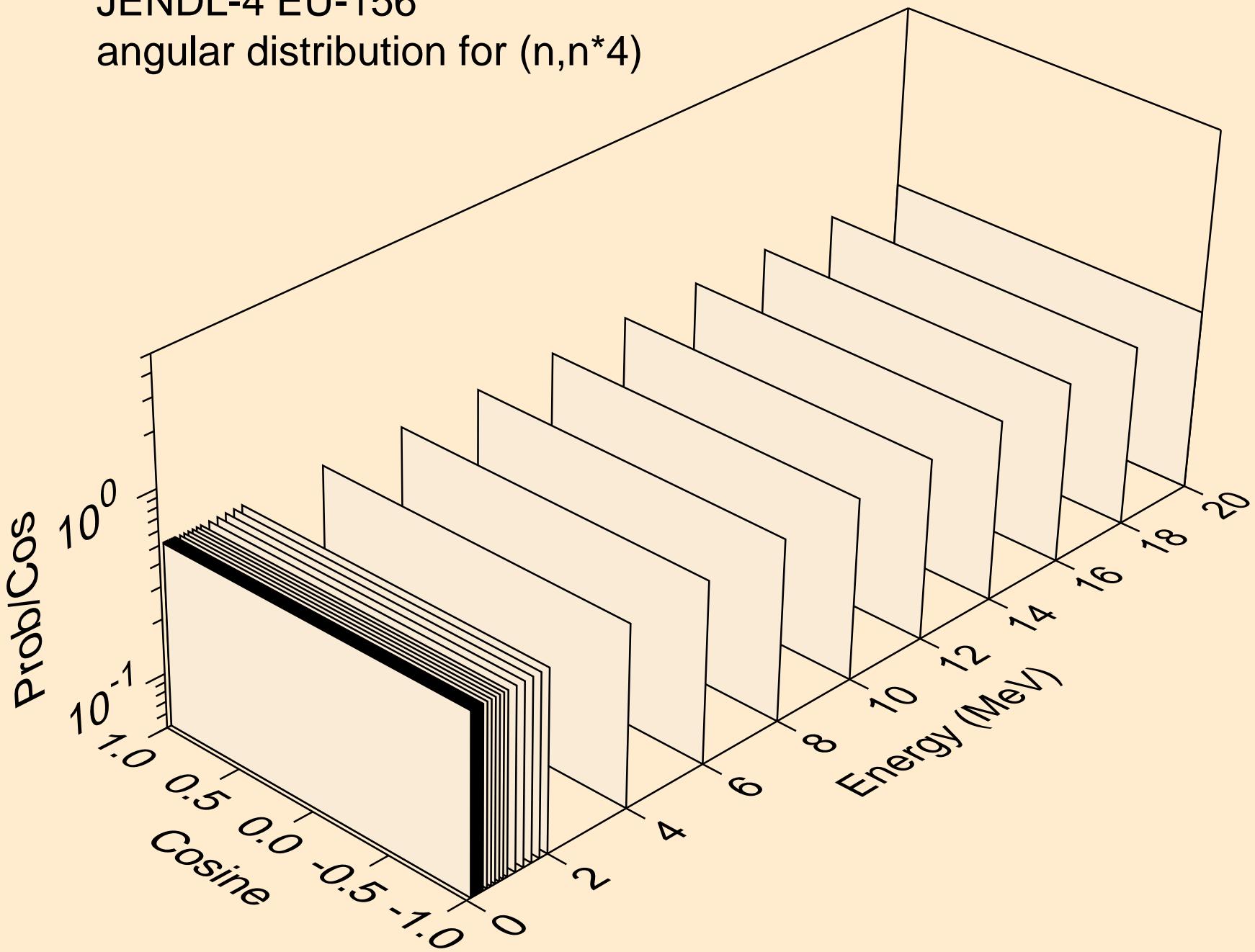
JENDL-4 EU-156  
angular distribution for  $(n,n^*)^2$



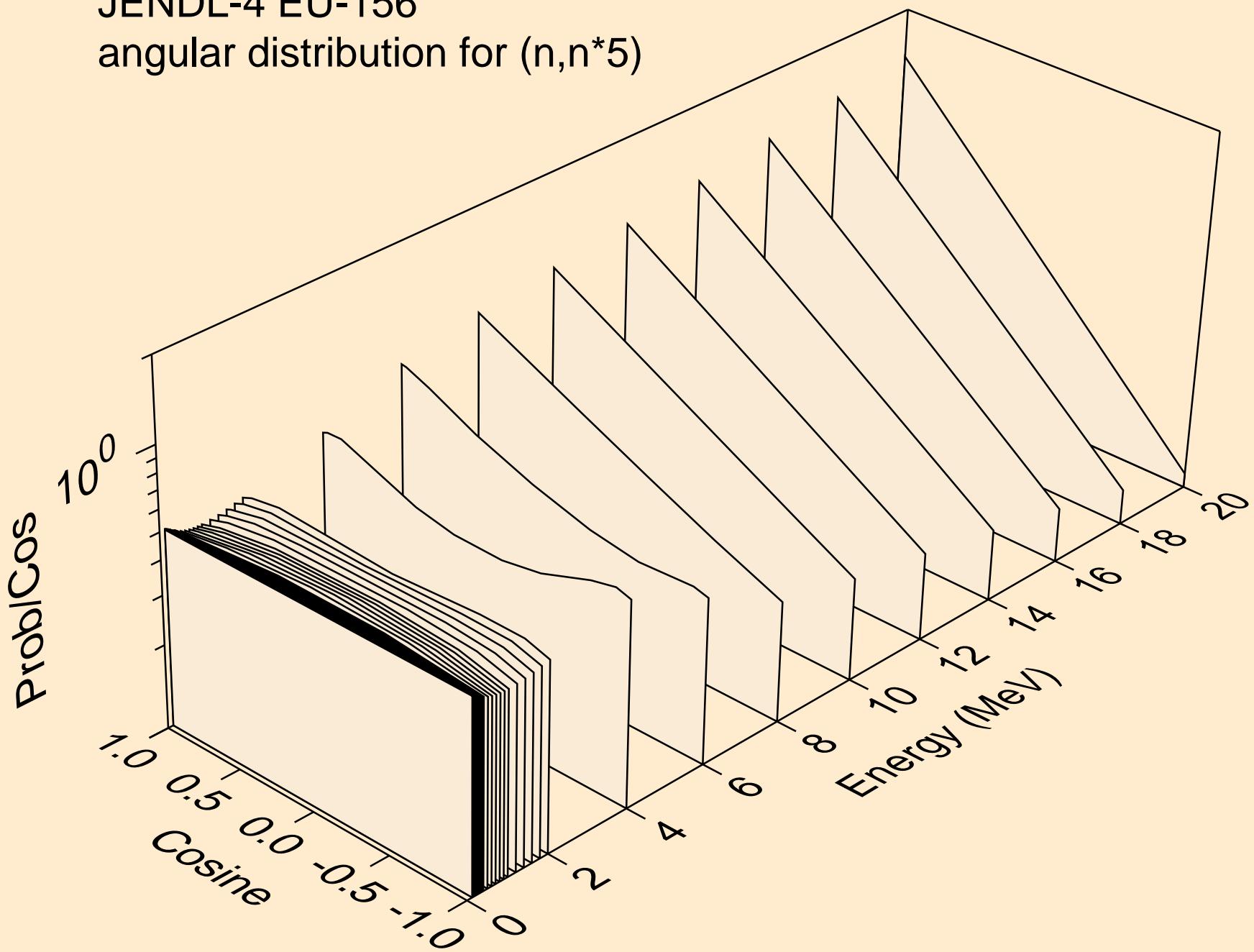
JENDL-4 EU-156  
angular distribution for  $(n,n^*3)$



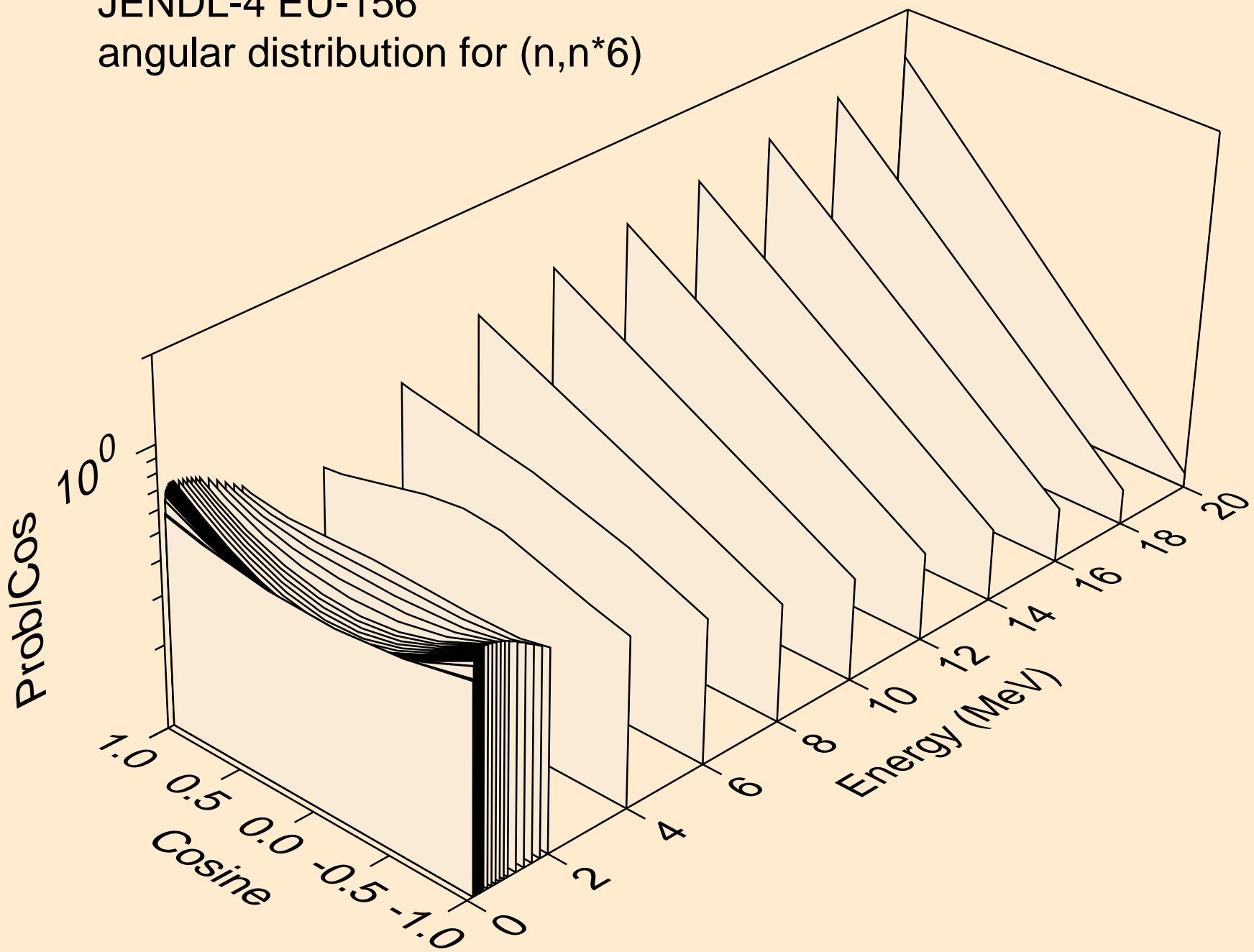
JENDL-4 EU-156  
angular distribution for  $(n,n^*4)$



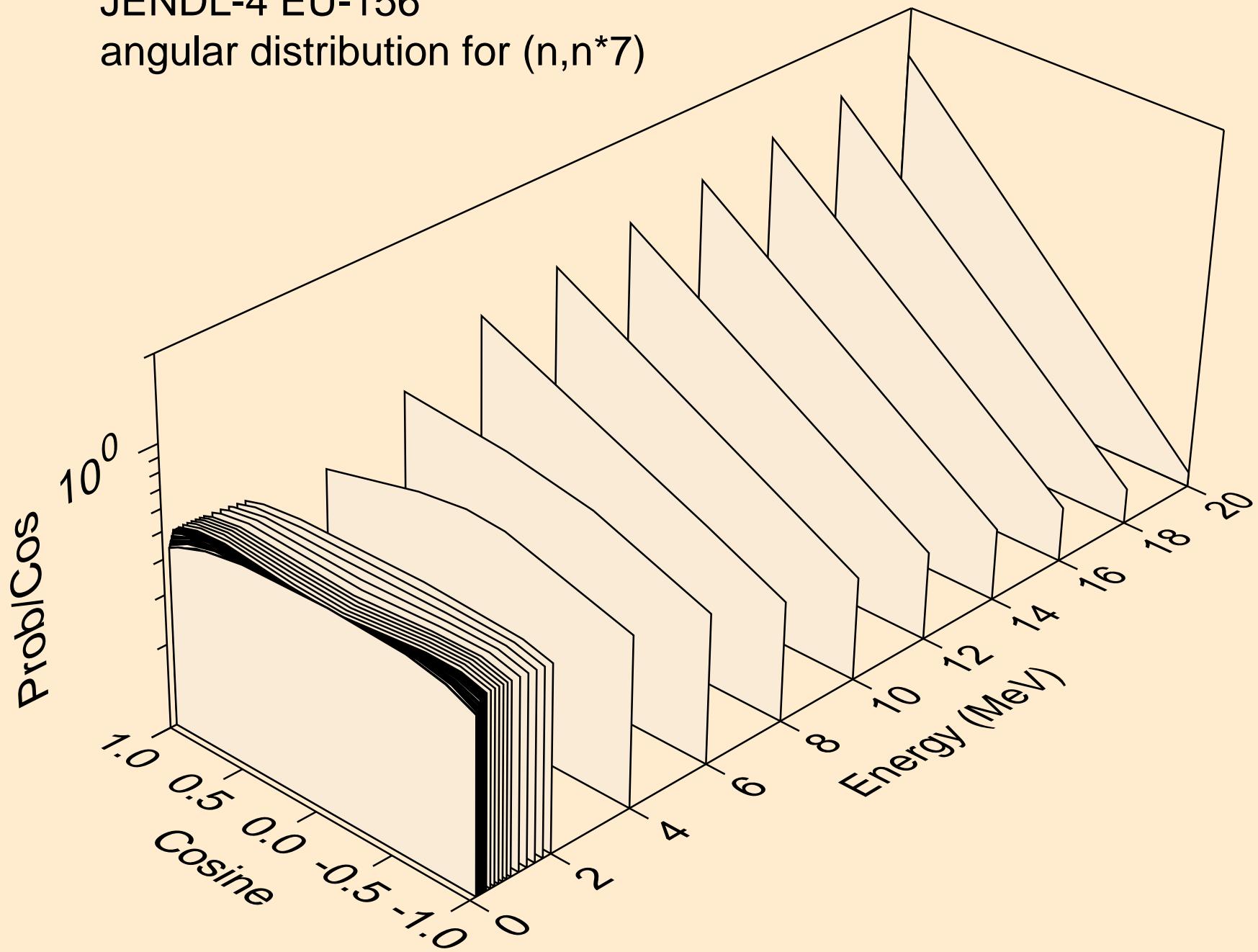
JENDL-4 EU-156  
angular distribution for  $(n,n^*)5$



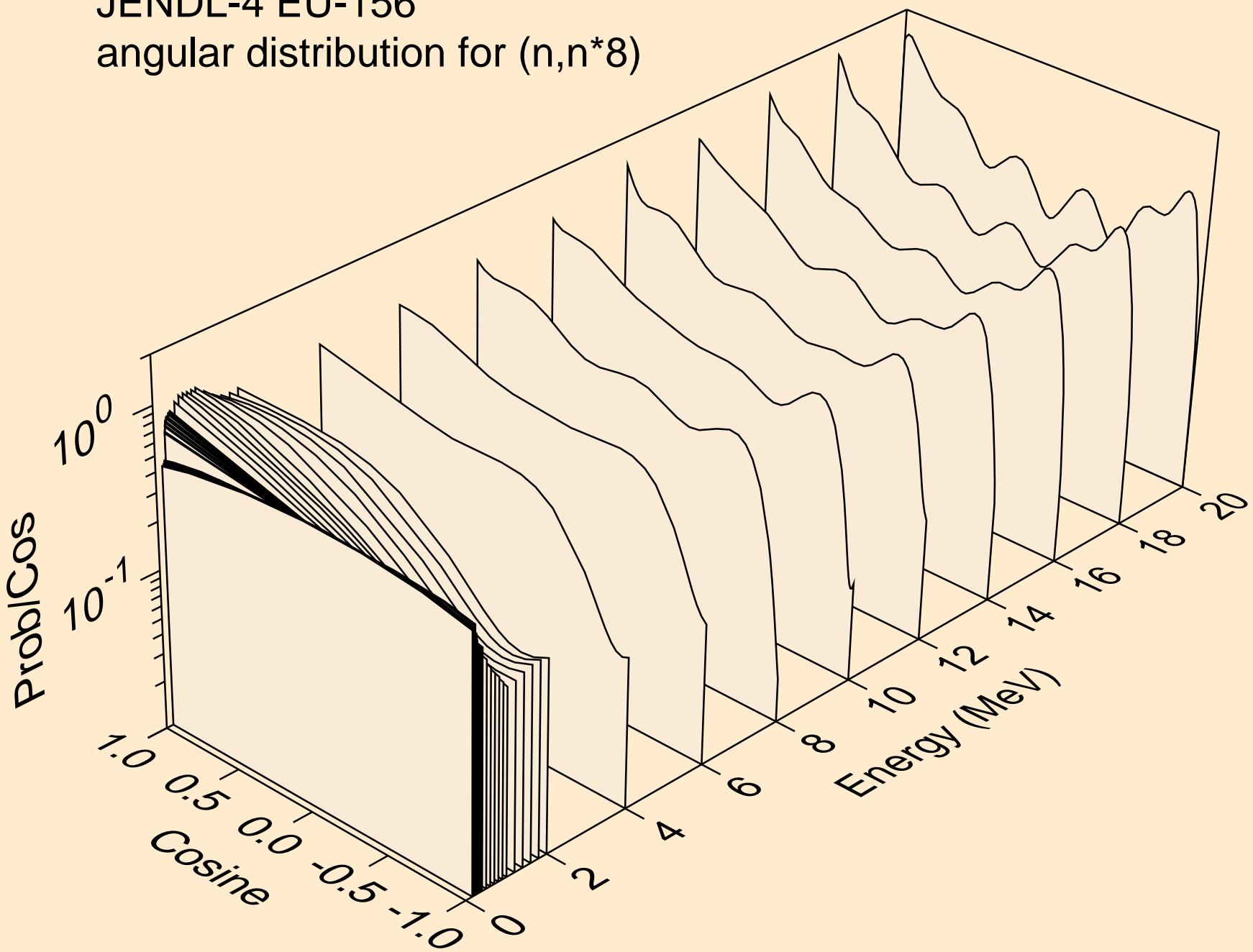
JENDL-4 EU-156  
angular distribution for  $(n,n^*6)$



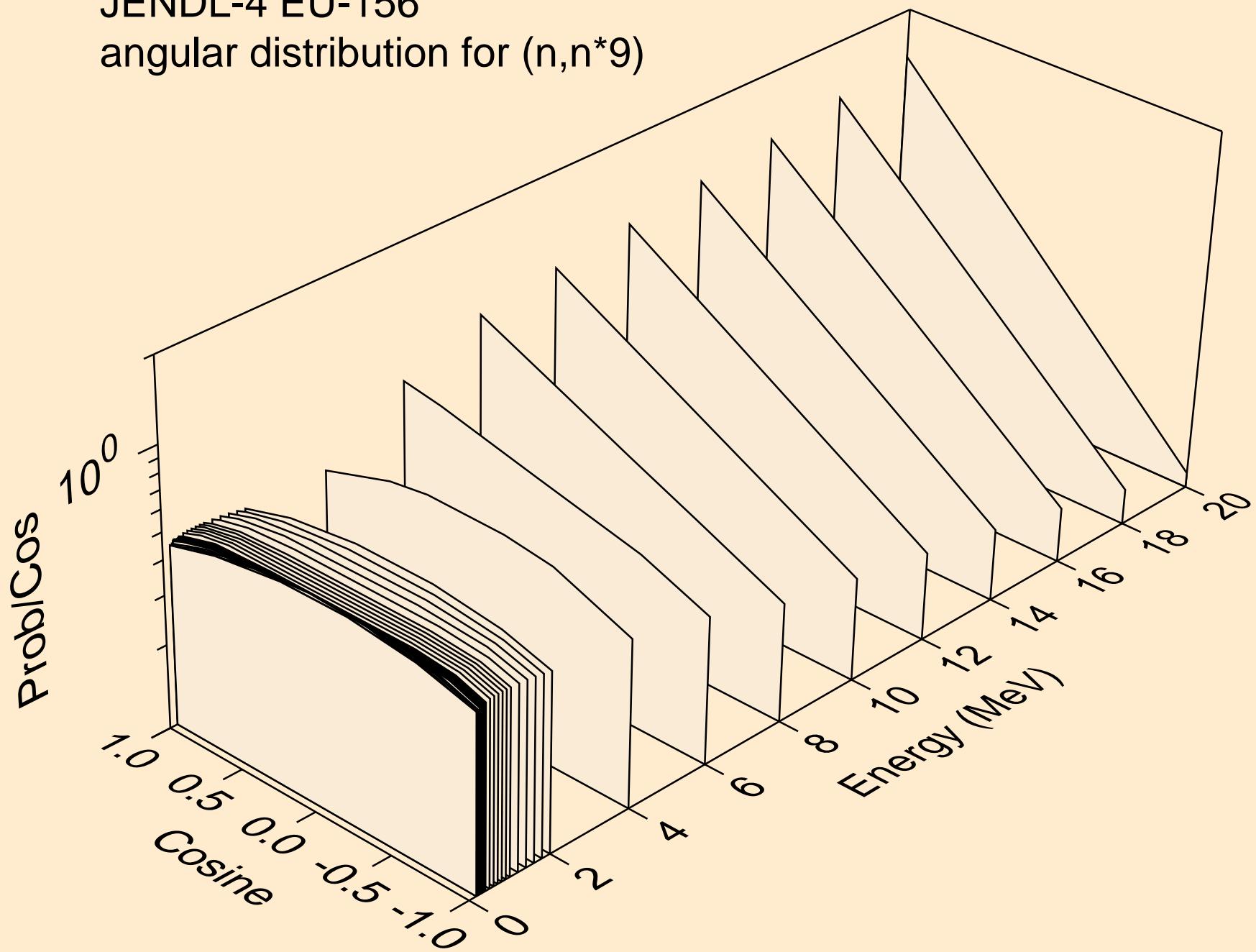
JENDL-4 EU-156  
angular distribution for  $(n,n^*7)$



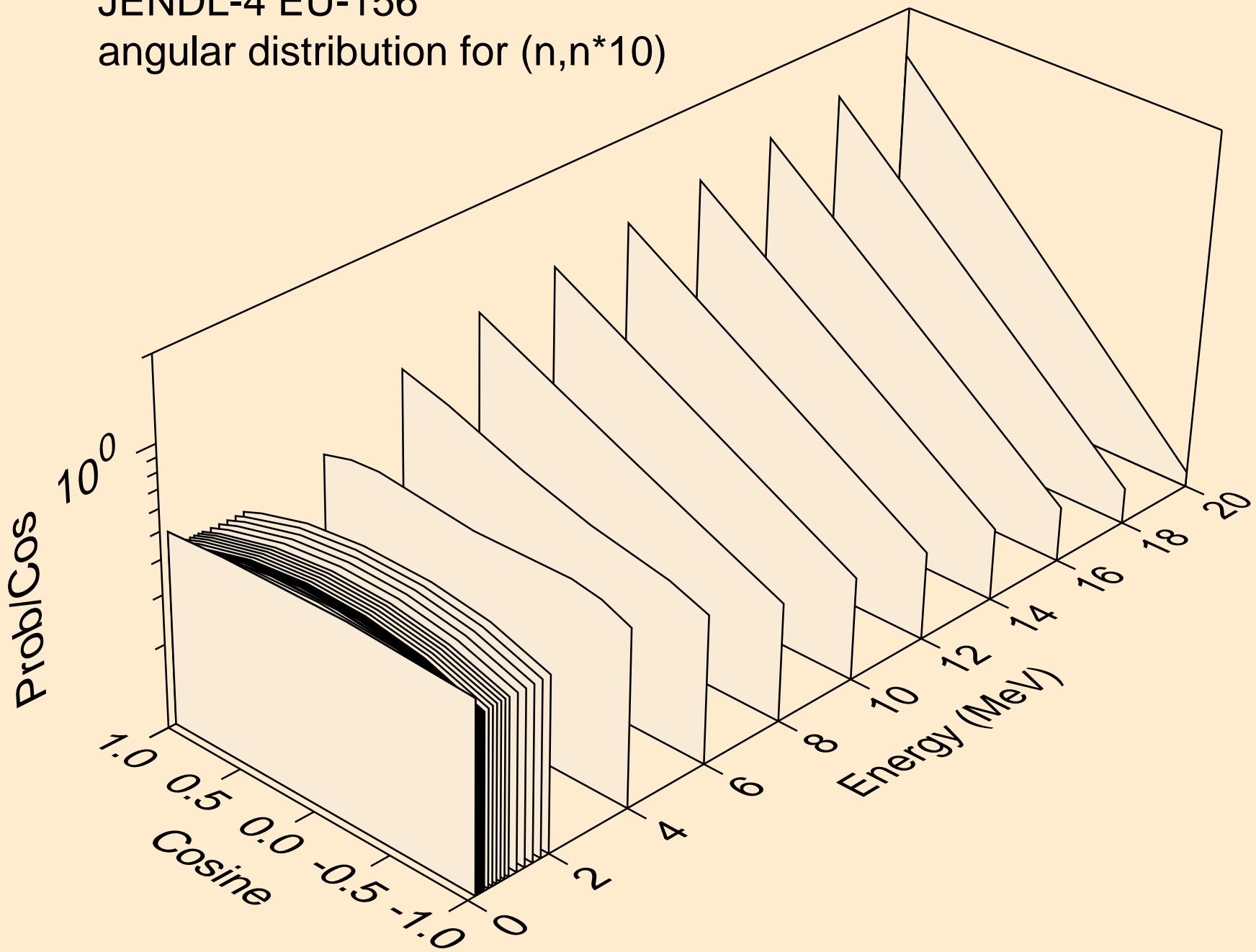
JENDL-4 EU-156  
angular distribution for  $(n,n^*)8$



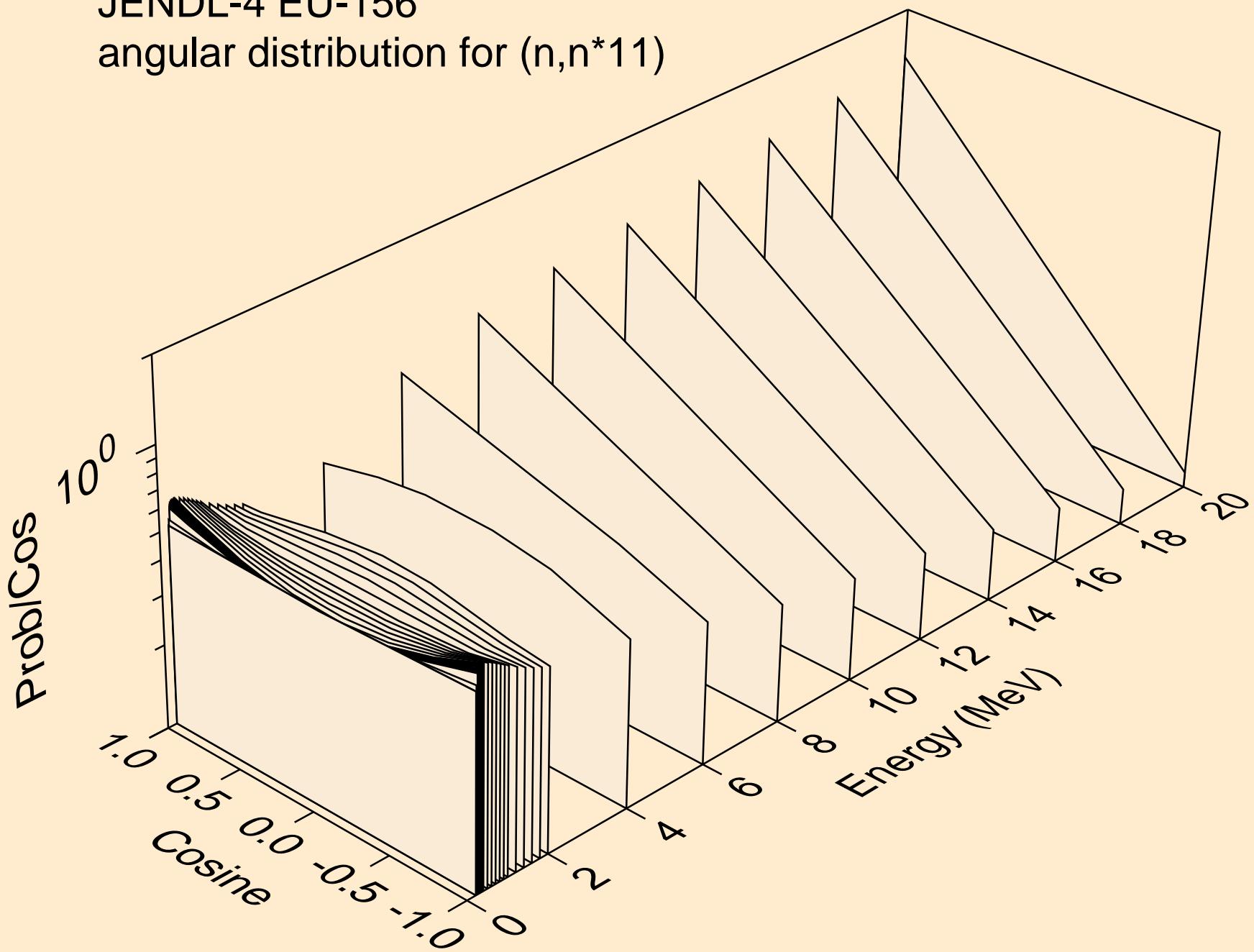
JENDL-4 EU-156  
angular distribution for  $(n,n^*9)$



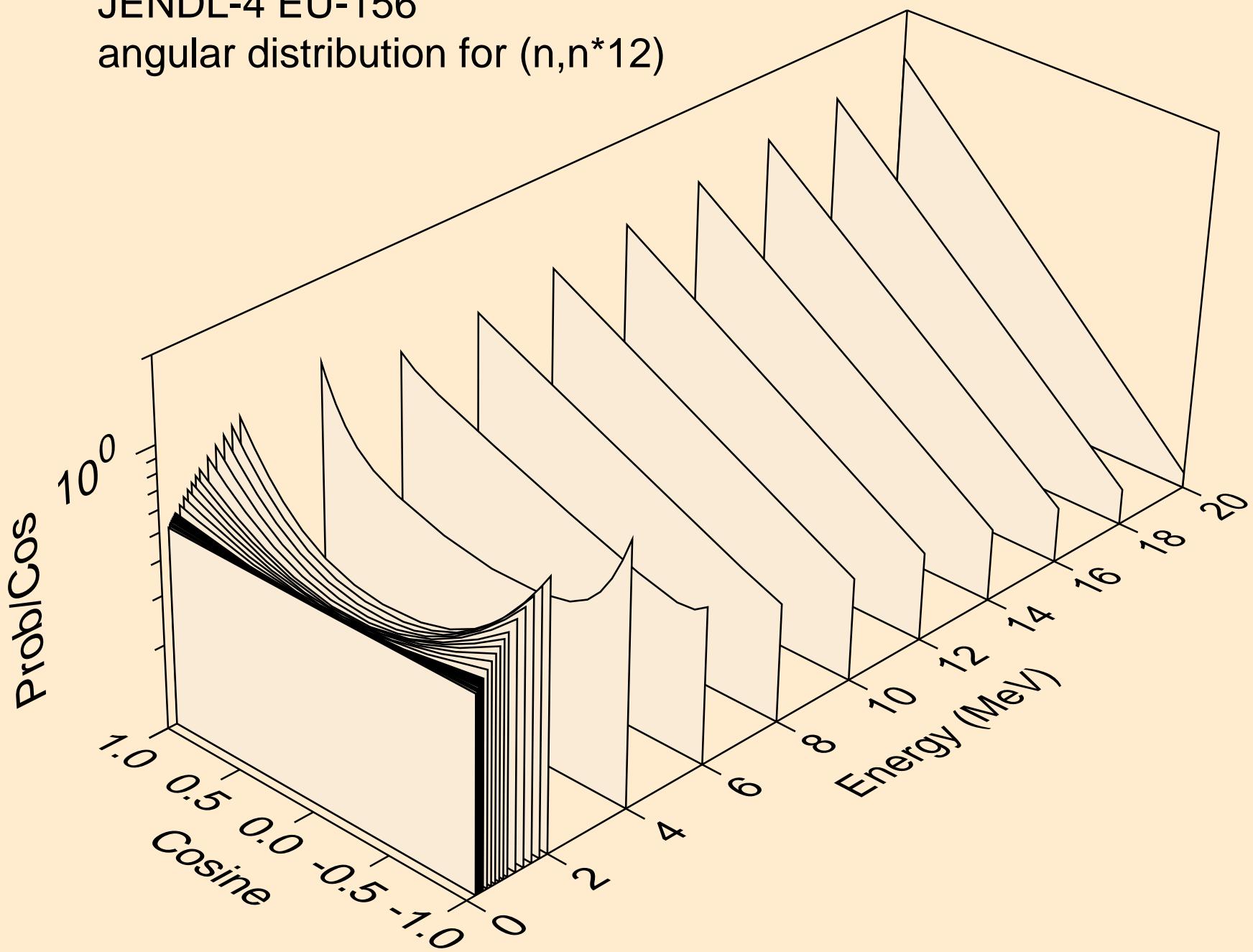
JENDL-4 EU-156  
angular distribution for (n,n\*10)



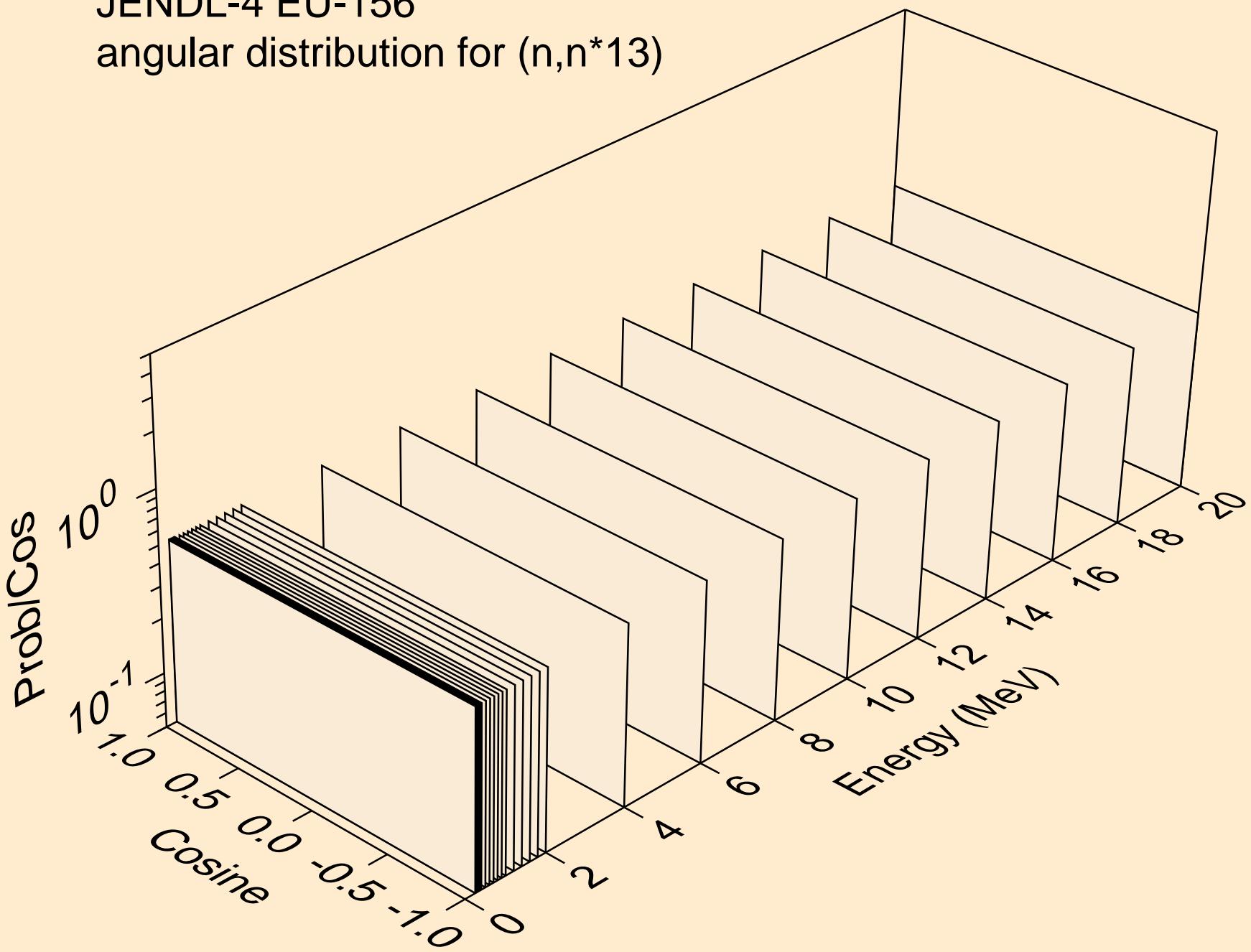
JENDL-4 EU-156  
angular distribution for (n,n\*11)



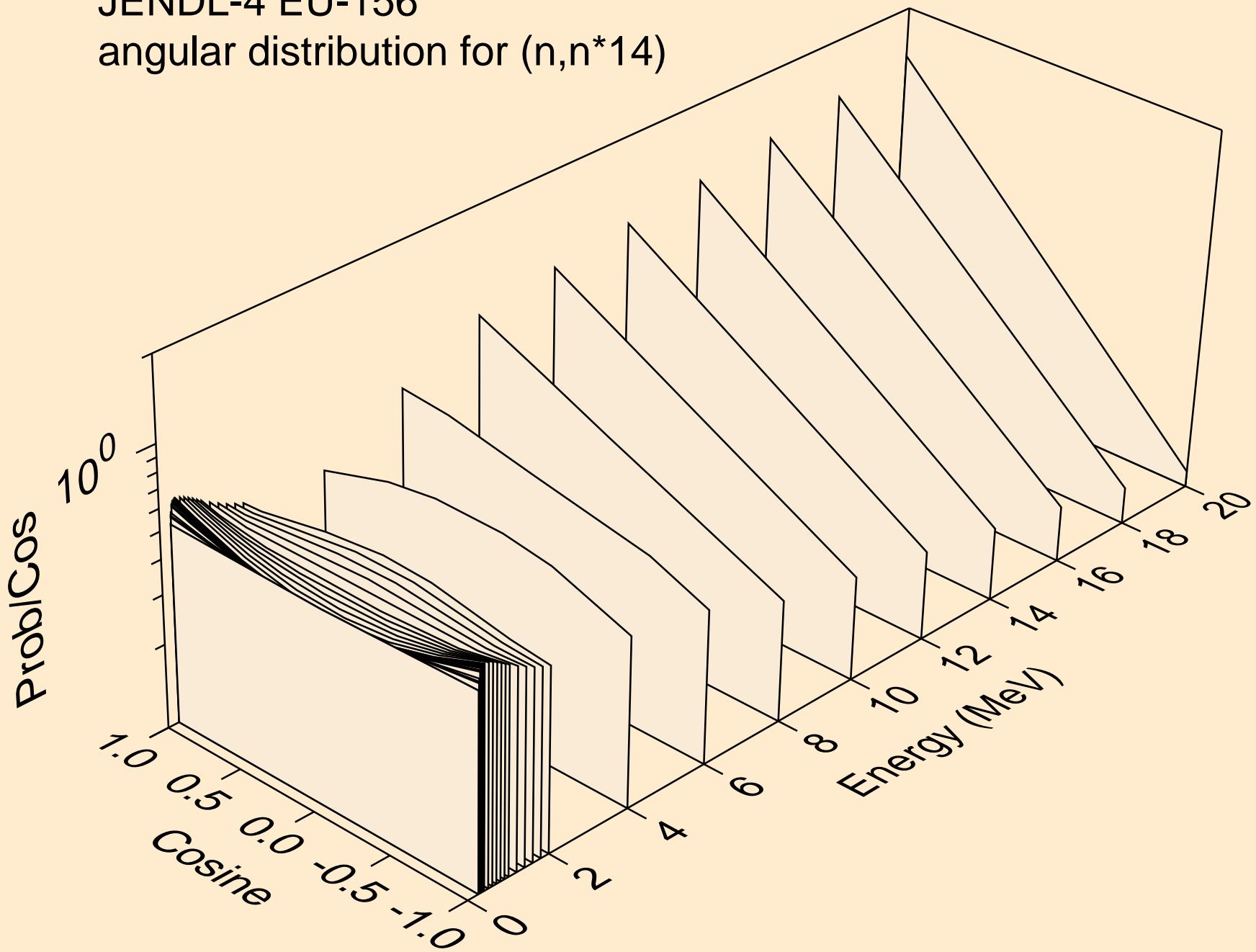
JENDL-4 EU-156  
angular distribution for (n,n\*12)



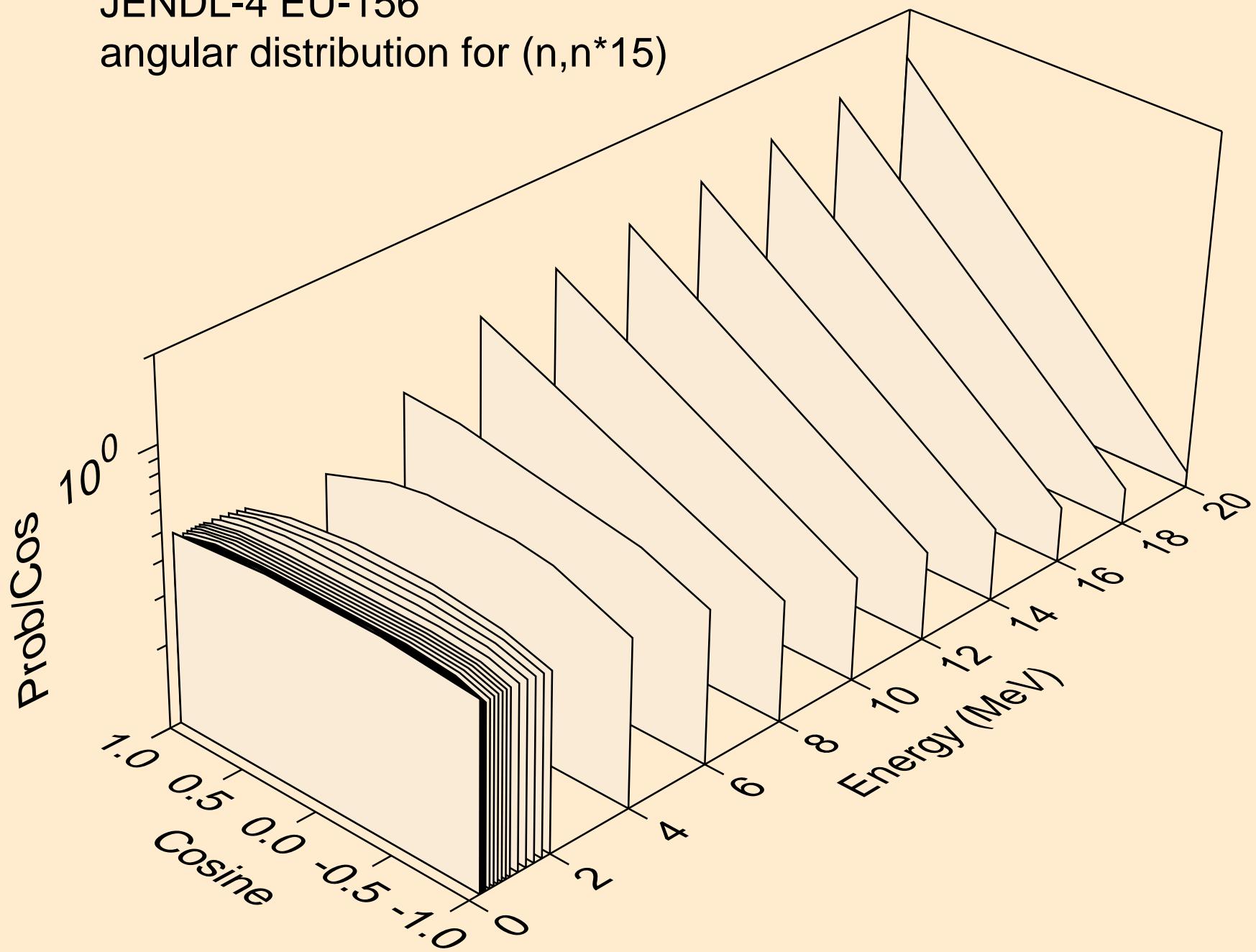
JENDL-4 EU-156  
angular distribution for ( $n, n^* 13$ )



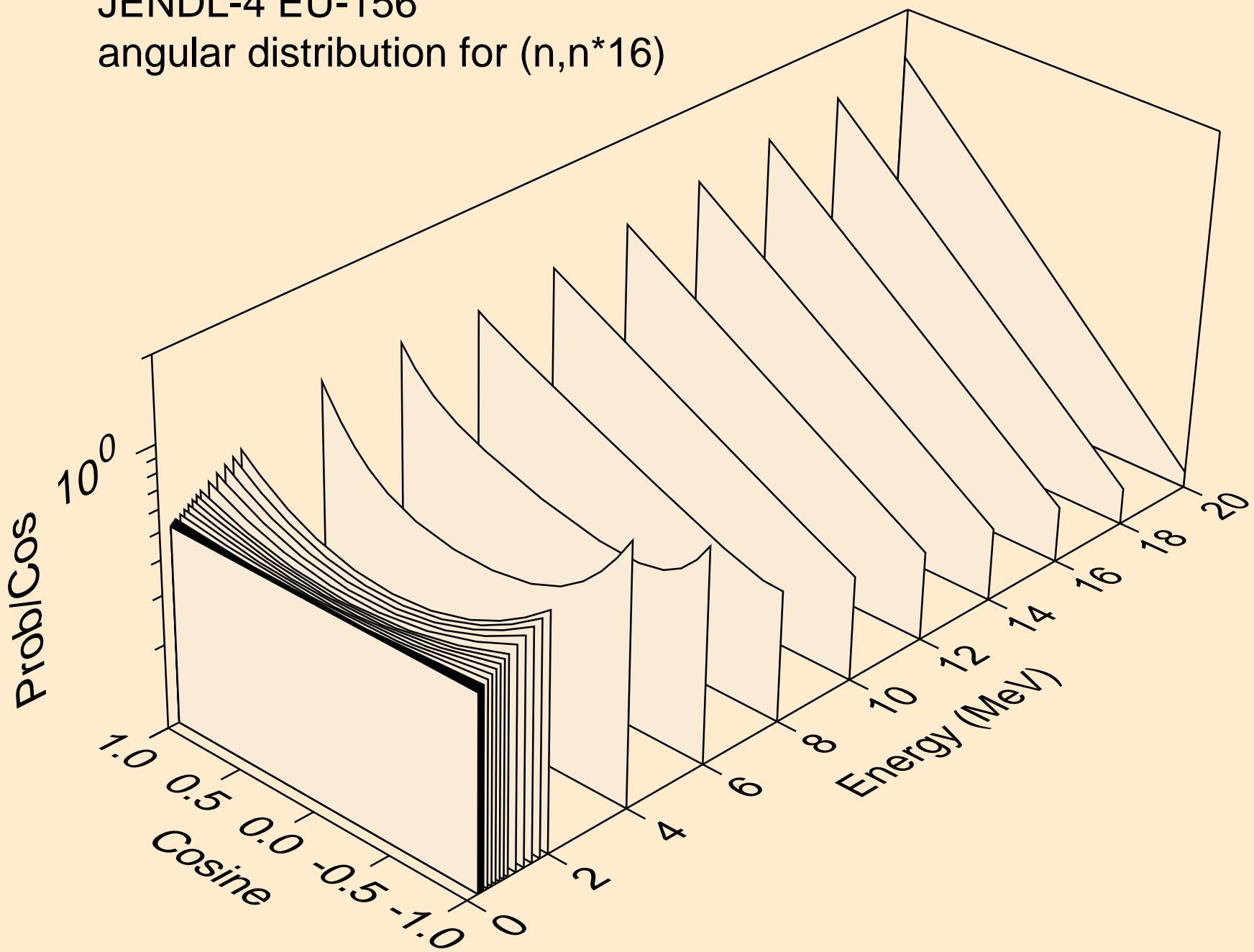
JENDL-4 EU-156  
angular distribution for (n,n\*14)



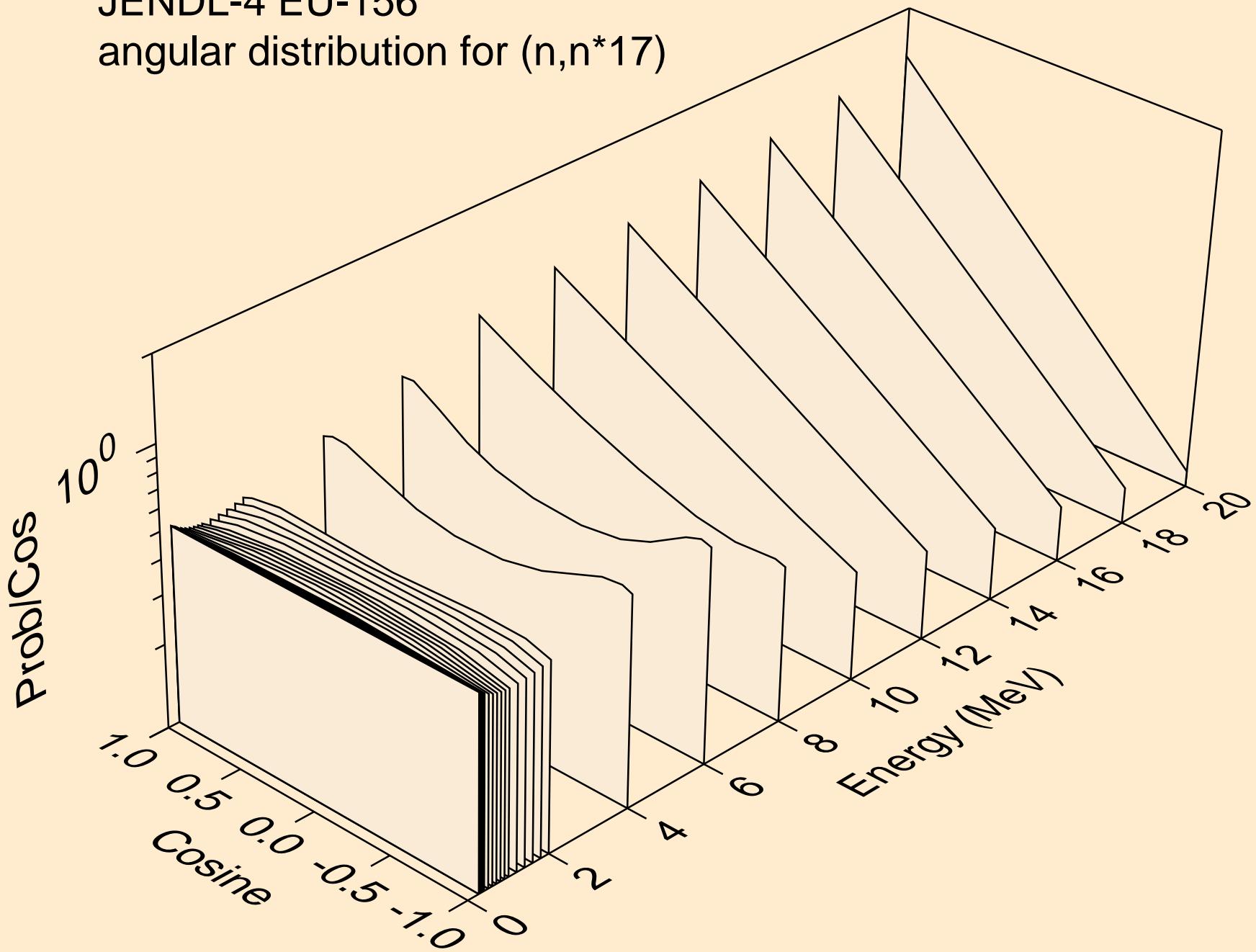
JENDL-4 EU-156  
angular distribution for (n,n\*15)



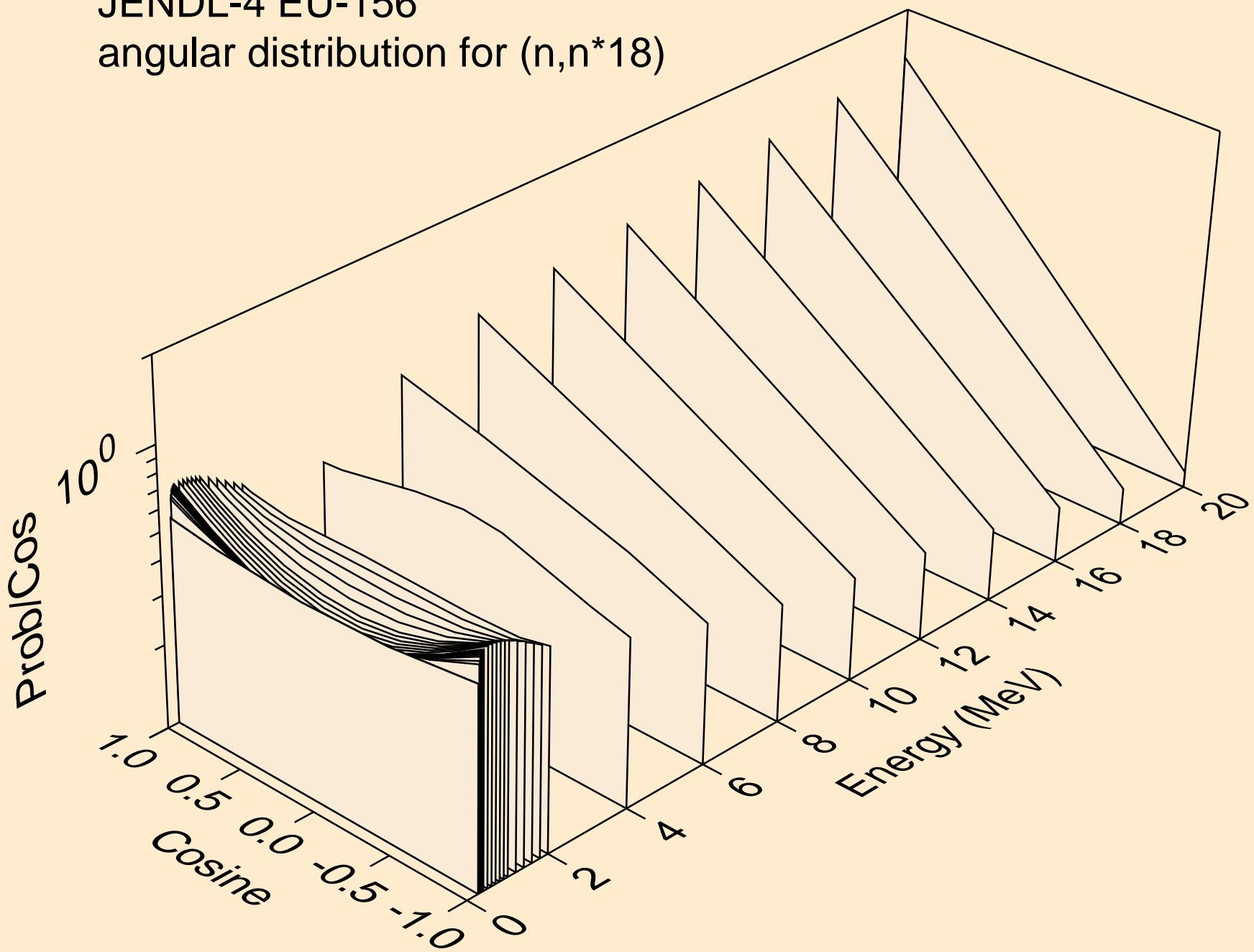
JENDL-4 EU-156  
angular distribution for (n,n\*16)



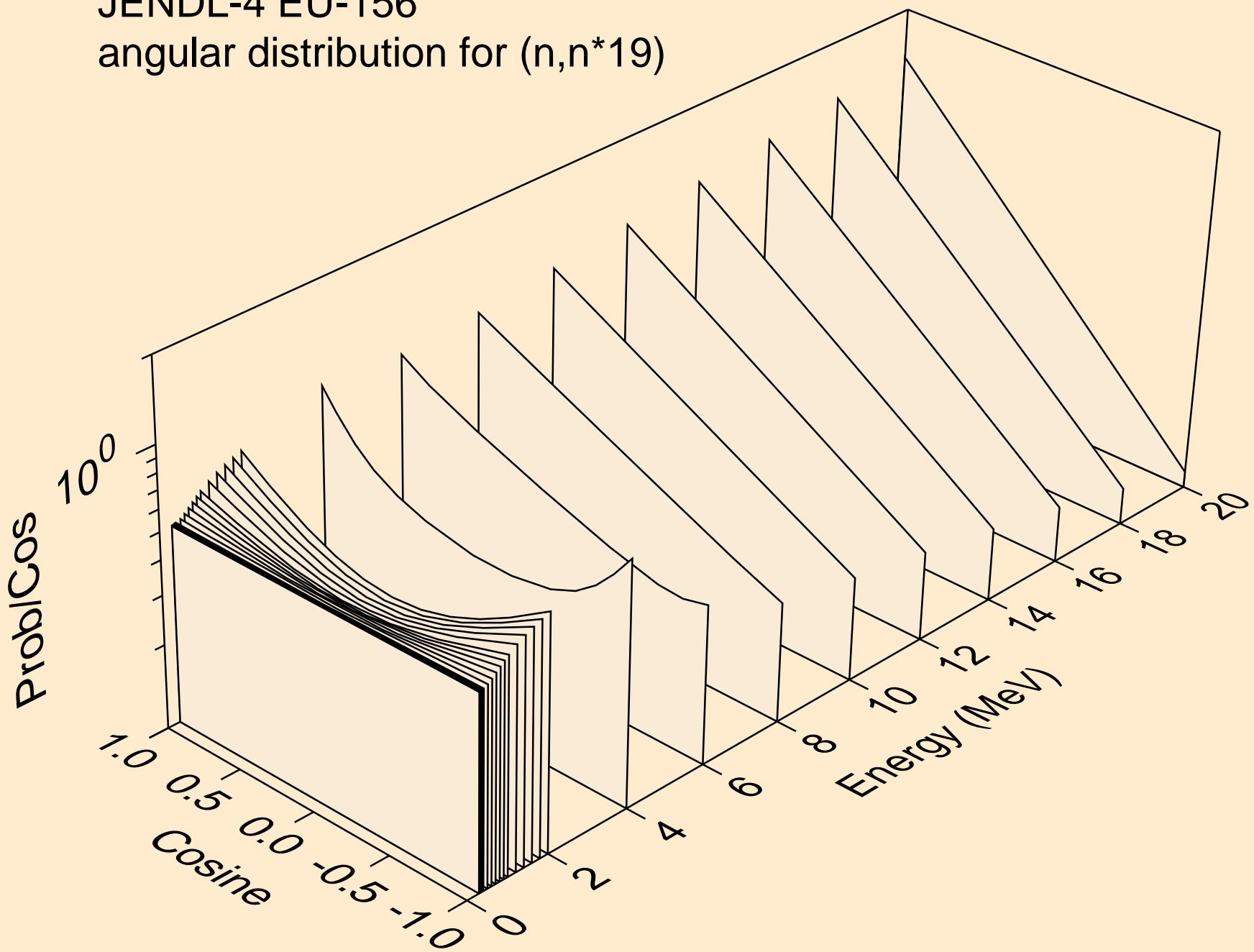
JENDL-4 EU-156  
angular distribution for ( $n, n^* 17$ )



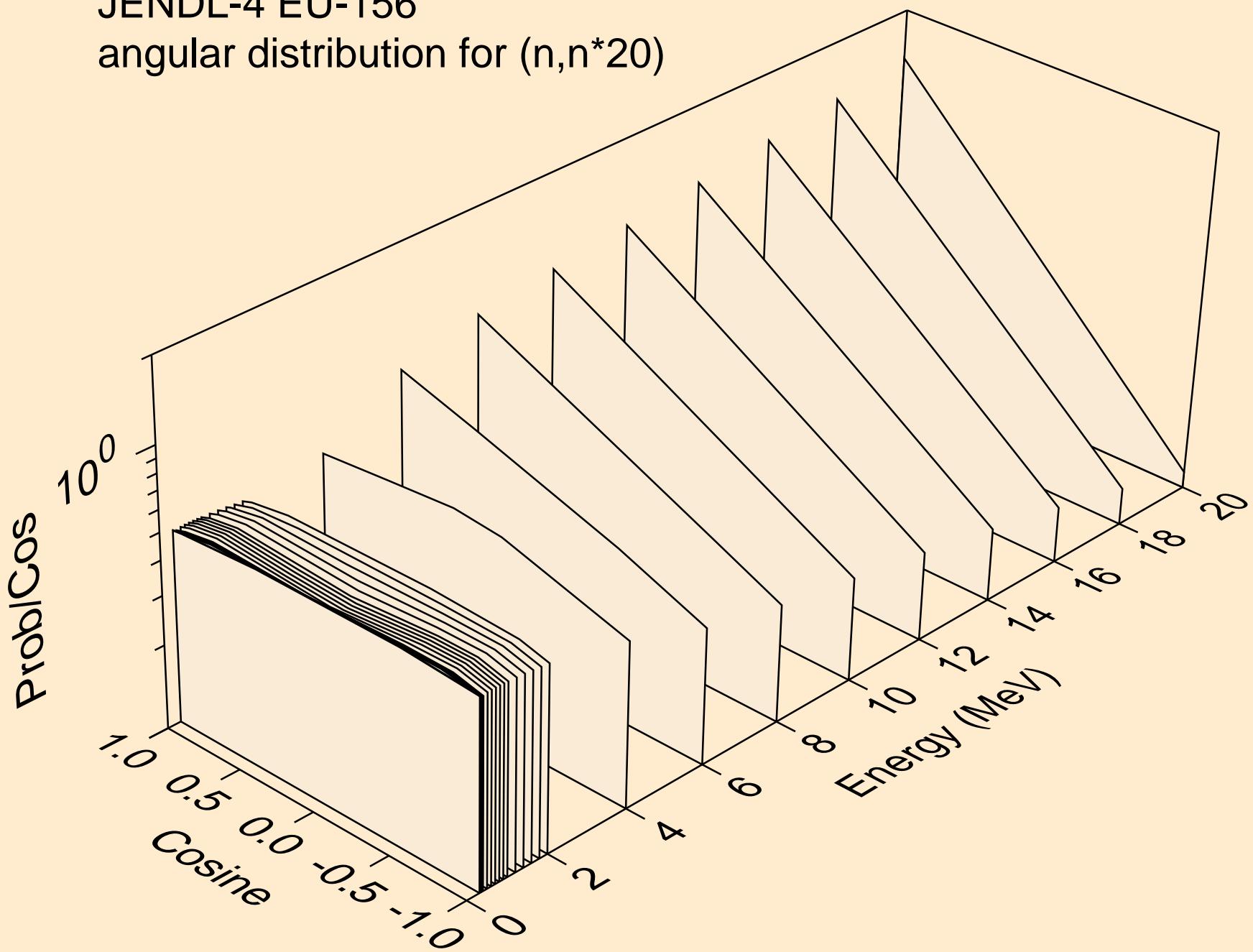
JENDL-4 EU-156  
angular distribution for (n,n\*18)



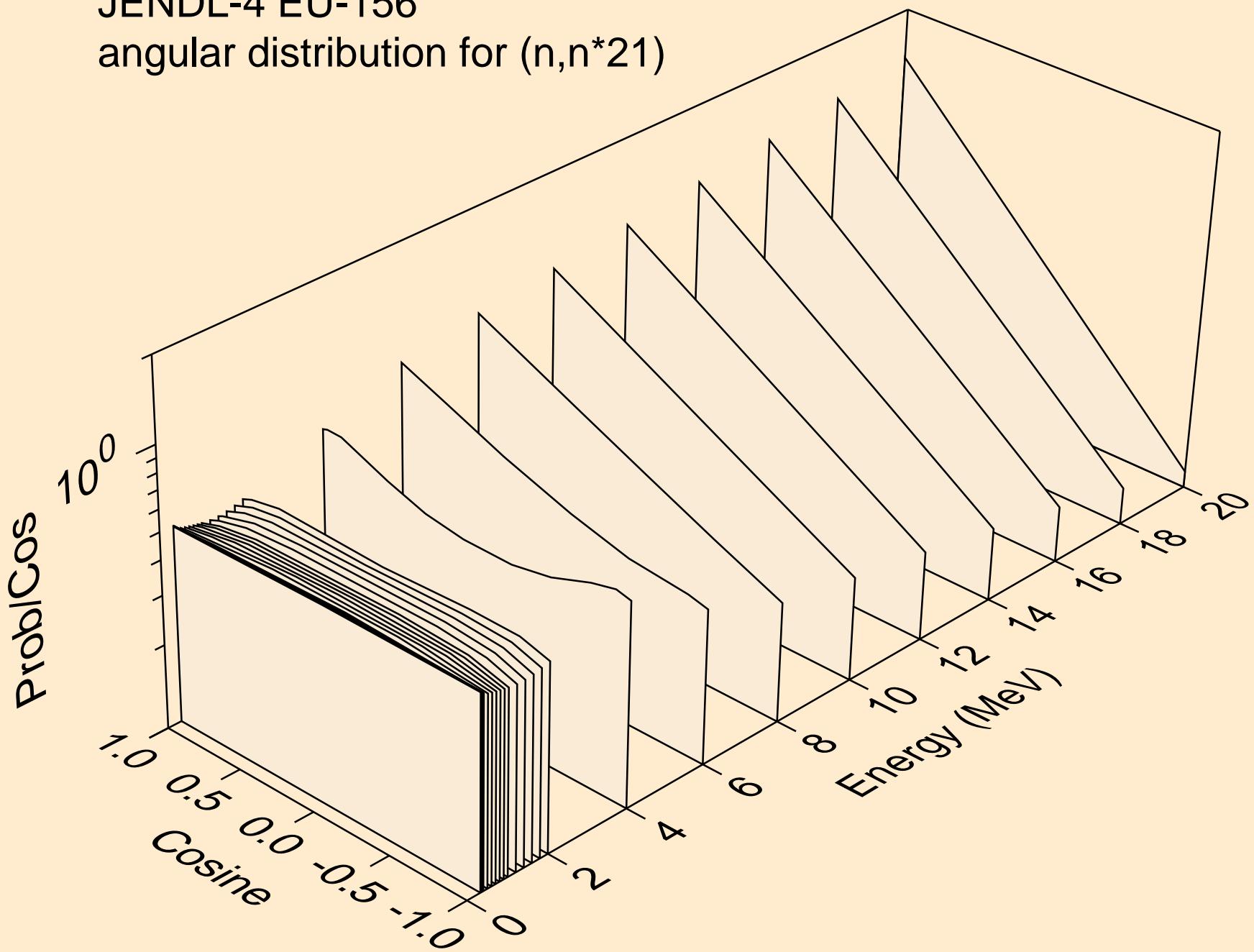
JENDL-4 EU-156  
angular distribution for (n,n\*19)



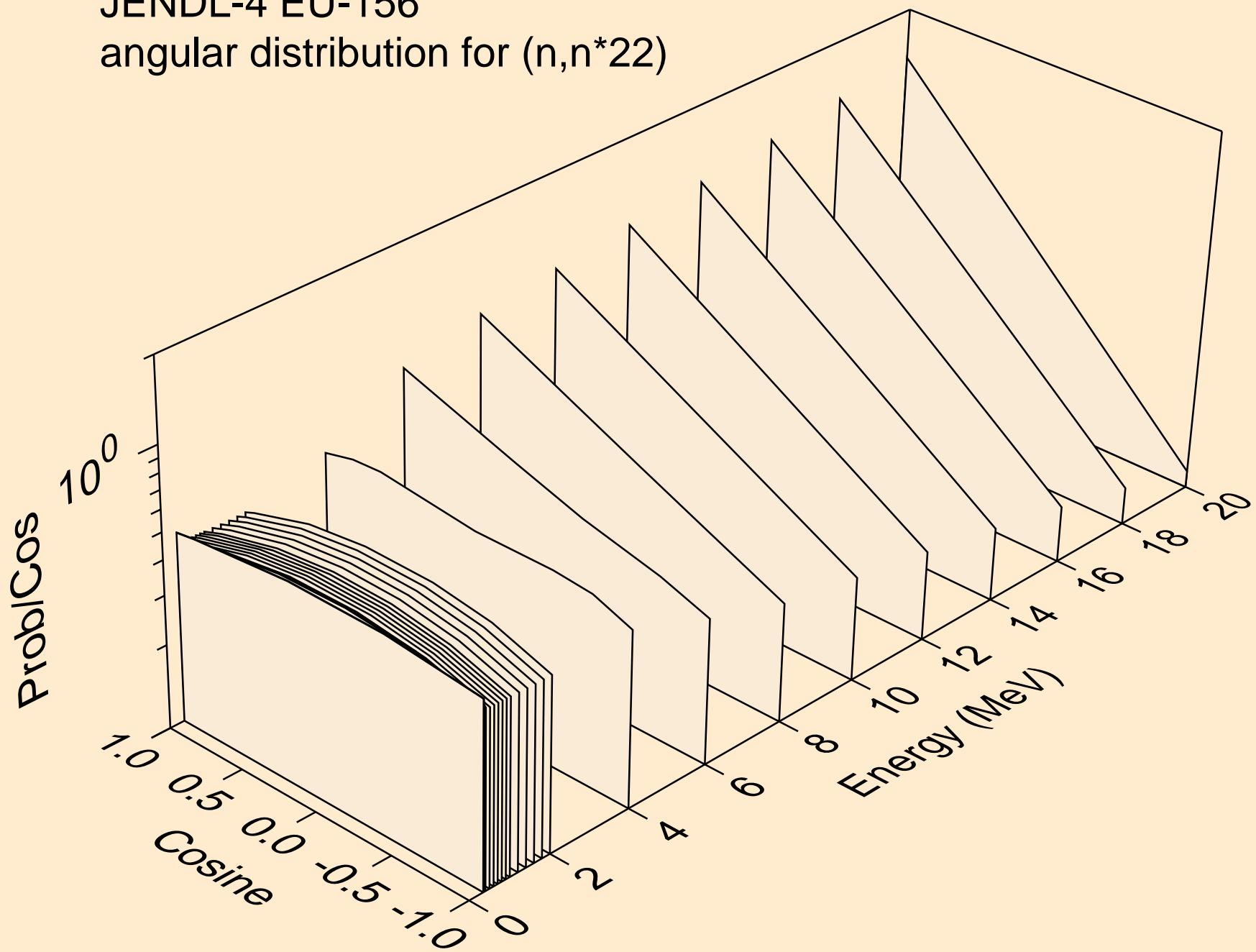
JENDL-4 EU-156  
angular distribution for (n,n\*20)



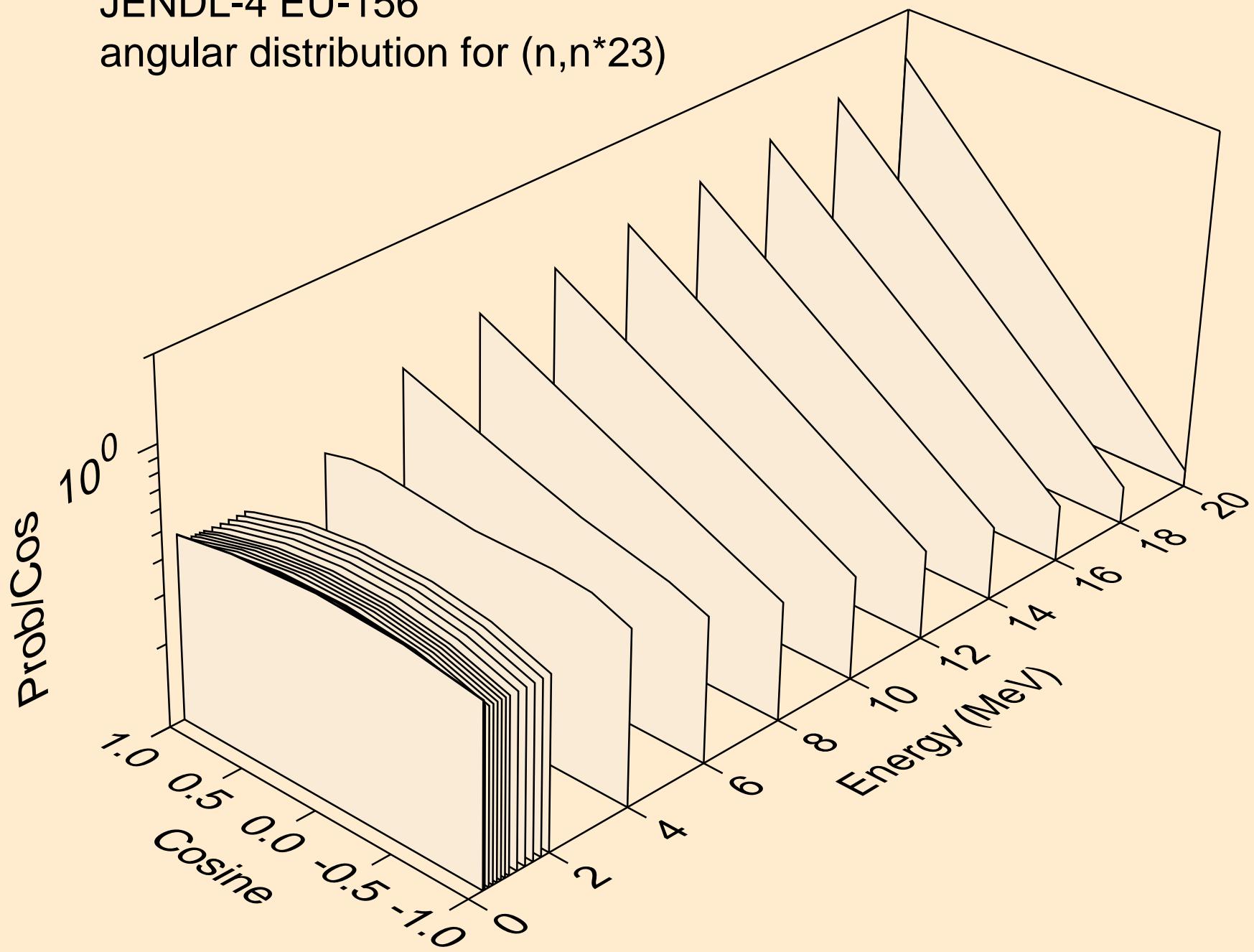
JENDL-4 EU-156  
angular distribution for (n,n\*21)



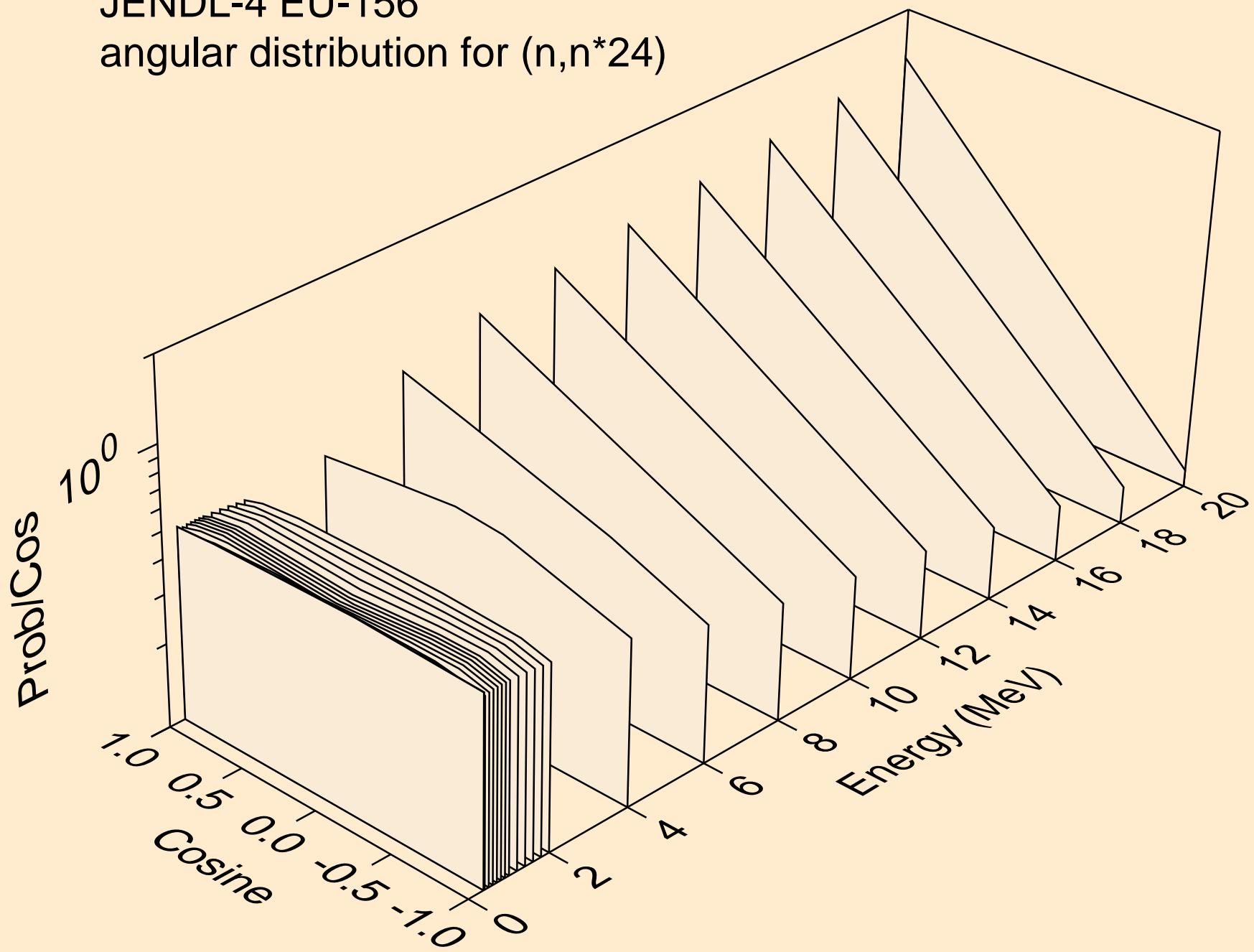
JENDL-4 EU-156  
angular distribution for  $(n,n^*22)$



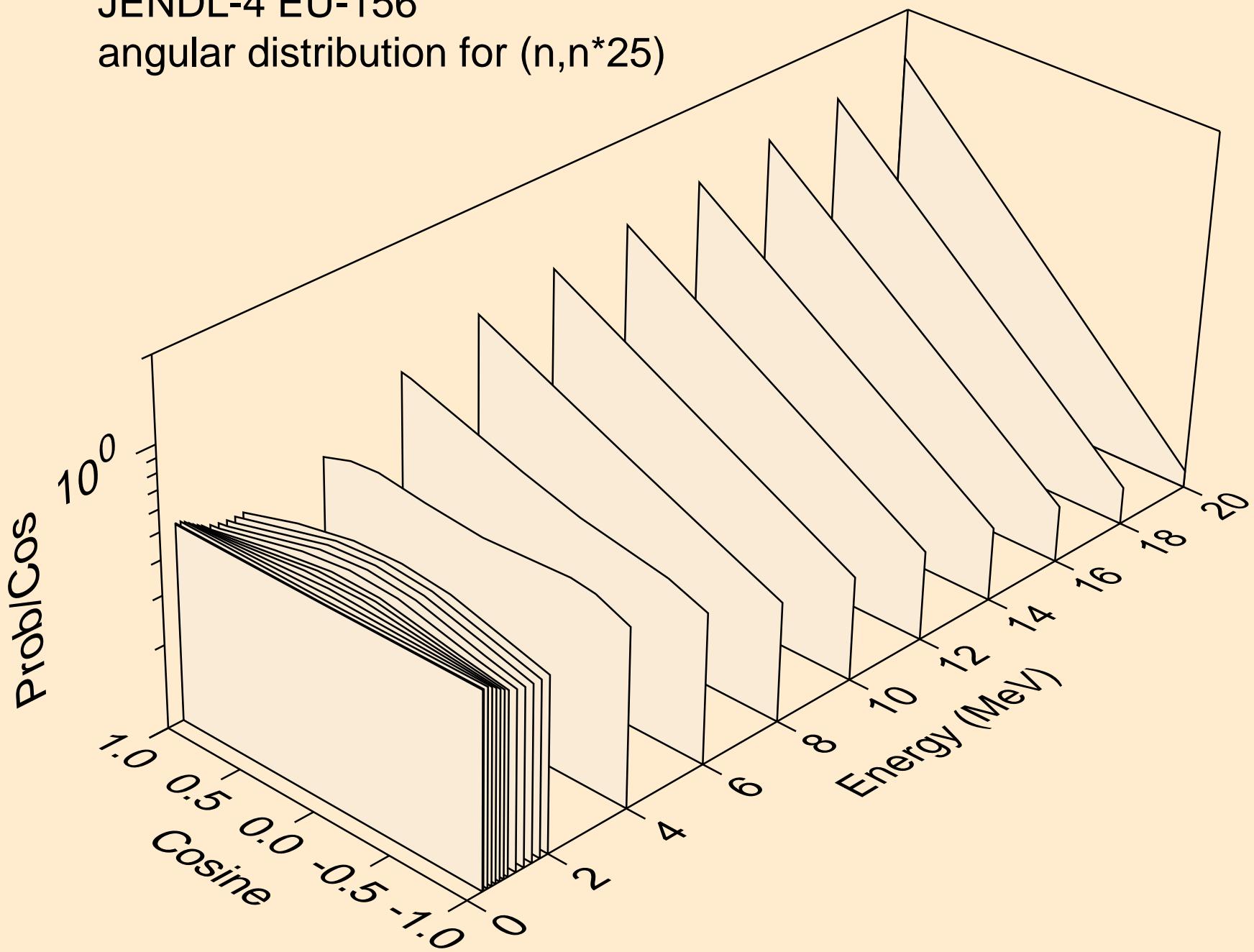
JENDL-4 EU-156  
angular distribution for (n,n\*23)



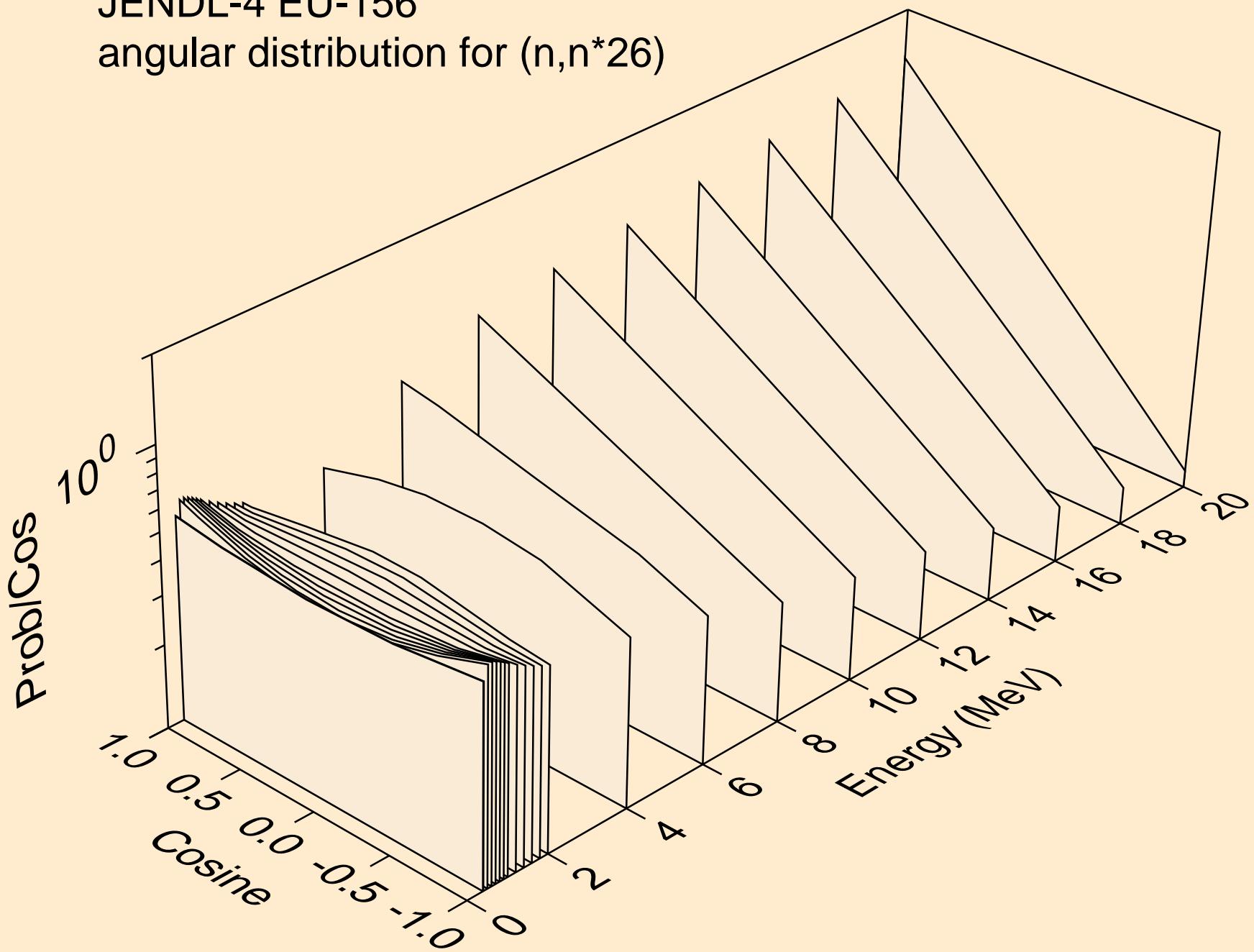
JENDL-4 EU-156  
angular distribution for (n,n\*24)



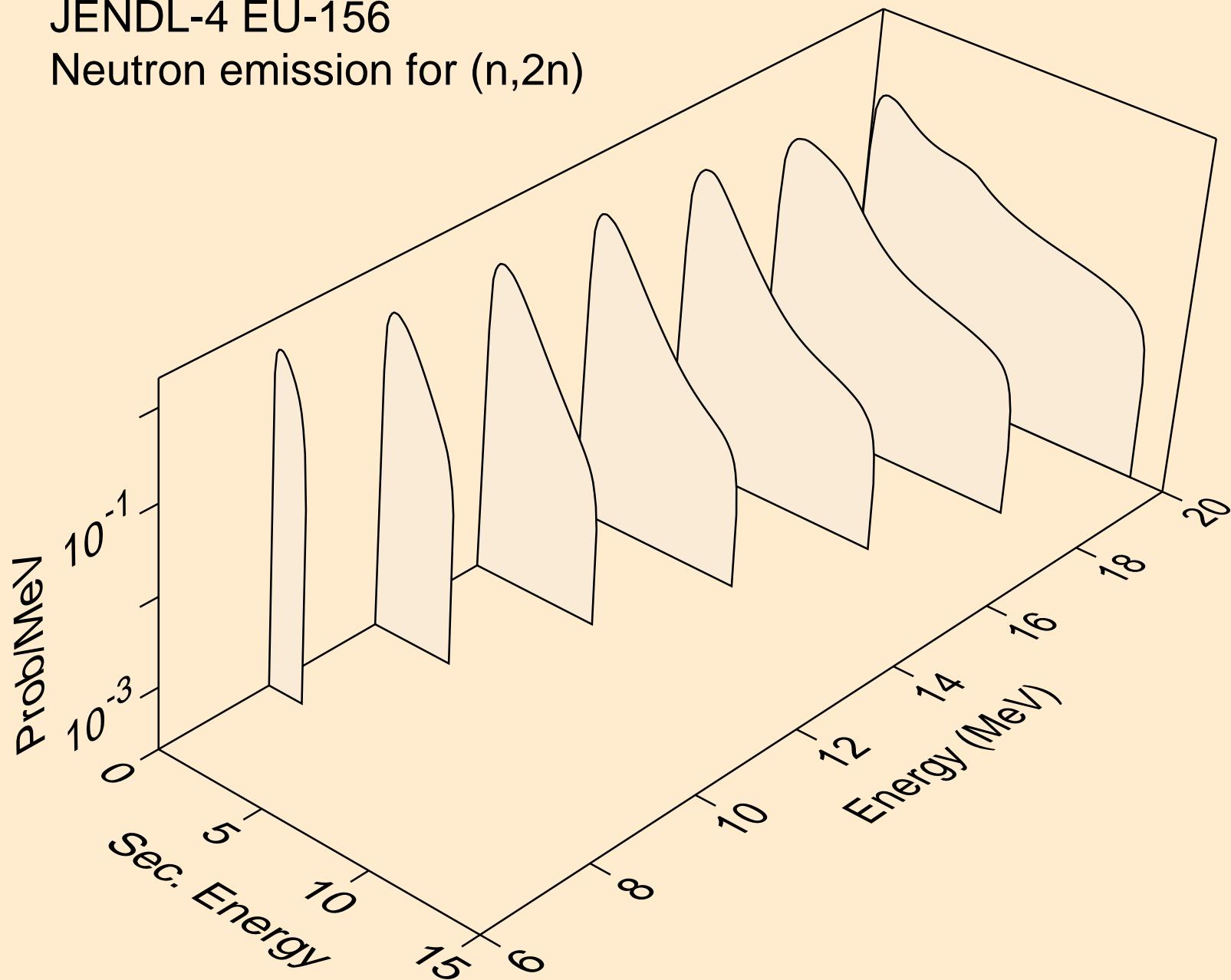
JENDL-4 EU-156  
angular distribution for (n,n\*25)



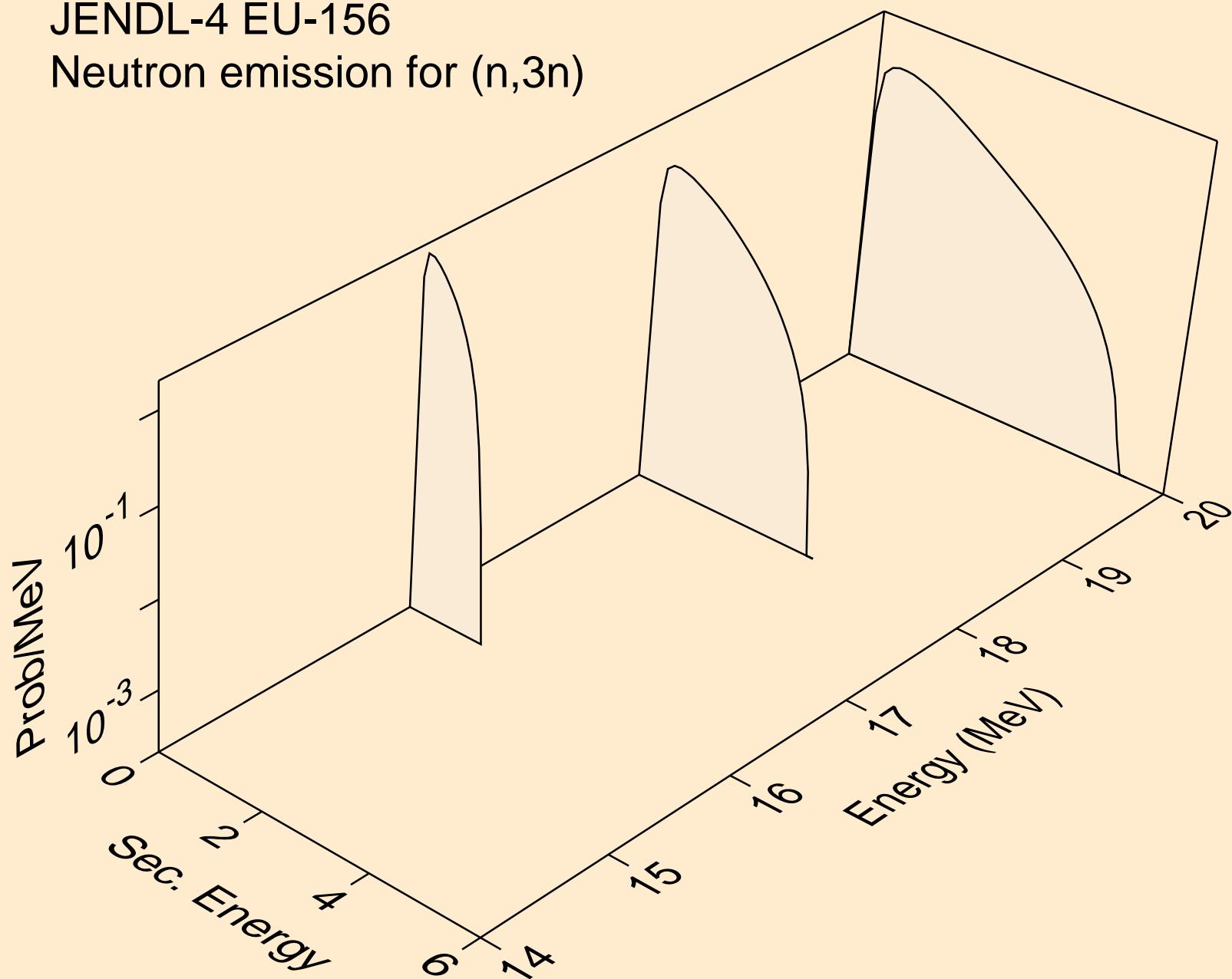
JENDL-4 EU-156  
angular distribution for (n,n\*26)



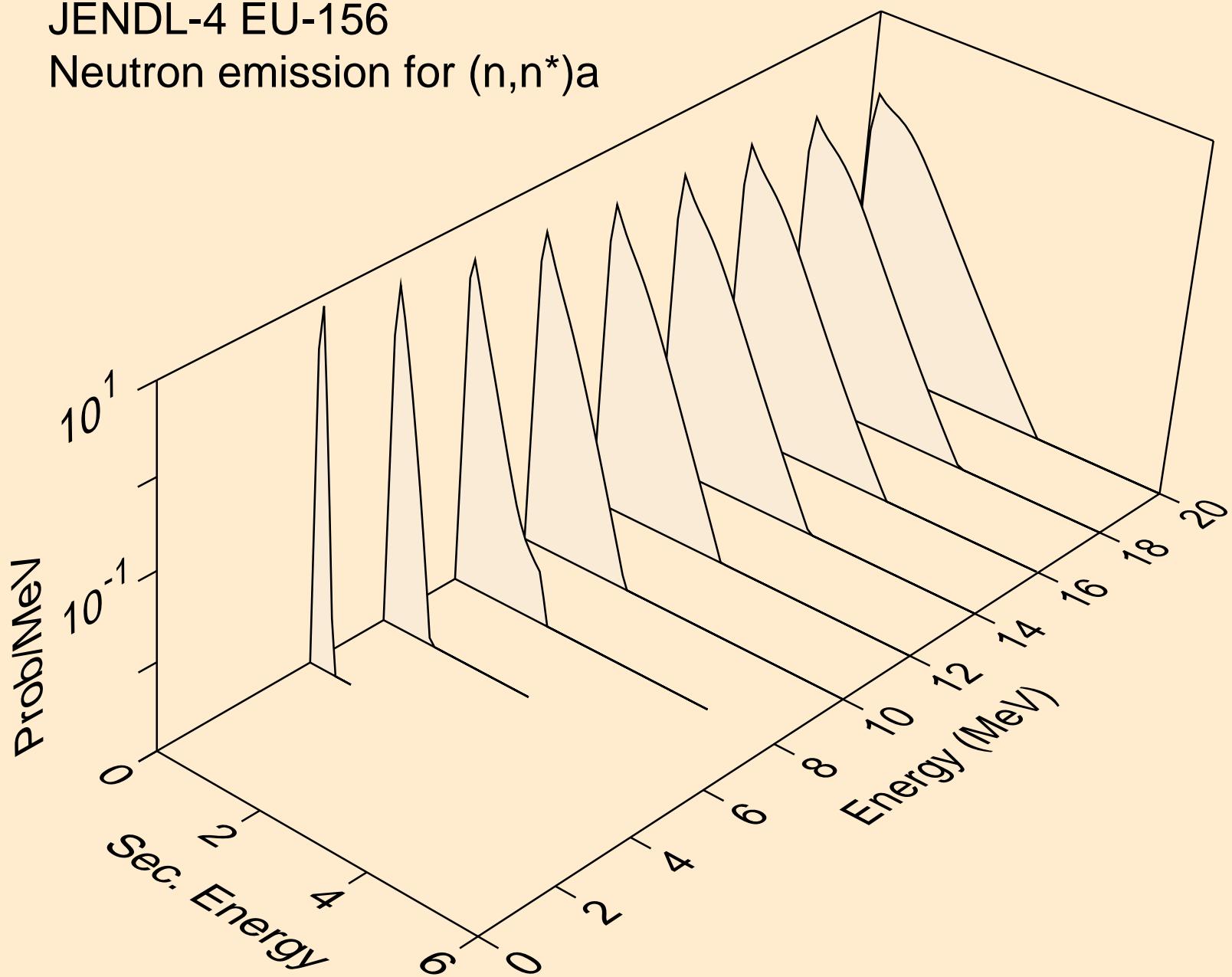
JENDL-4 EU-156  
Neutron emission for (n,2n)



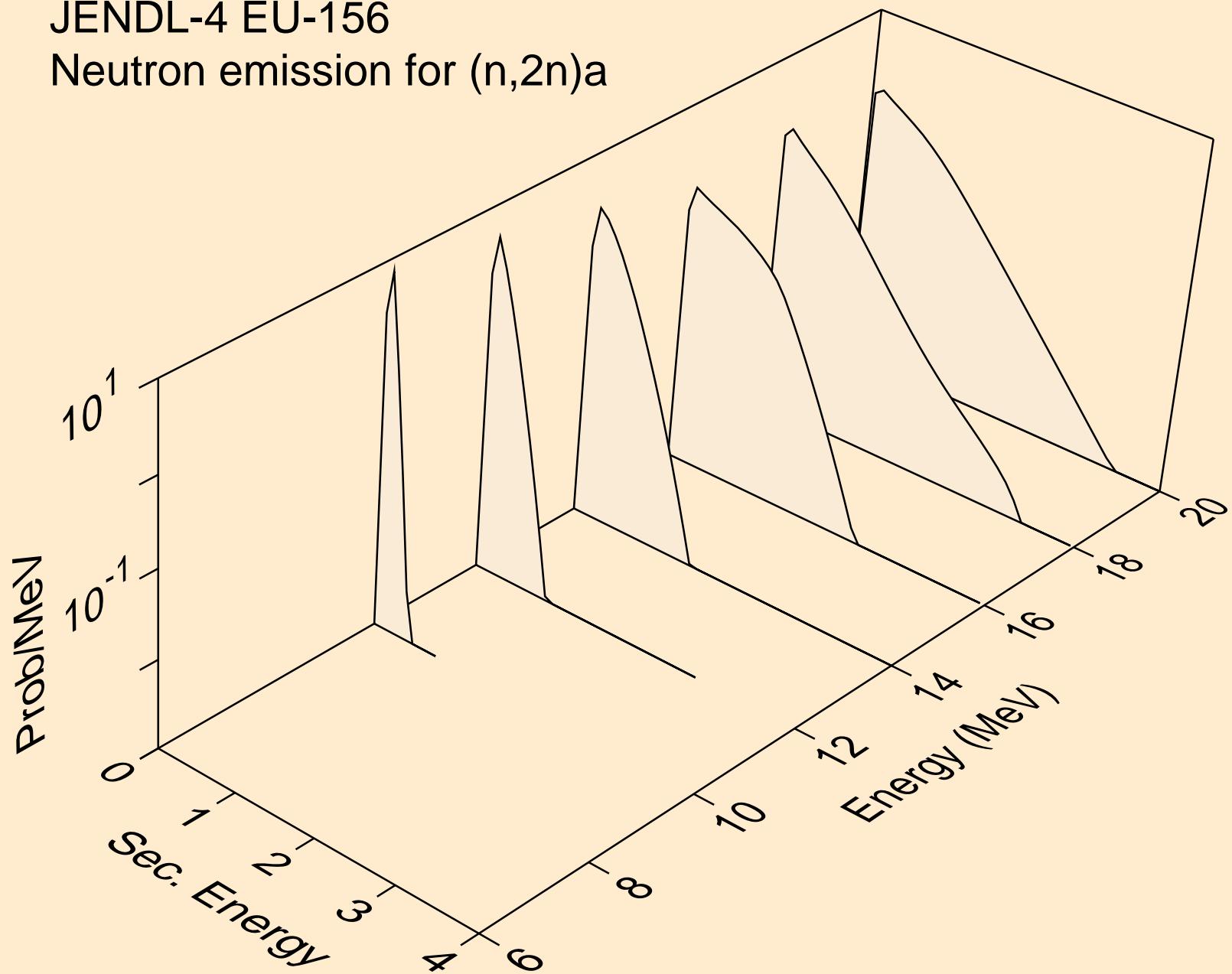
JENDL-4 EU-156  
Neutron emission for (n,3n)



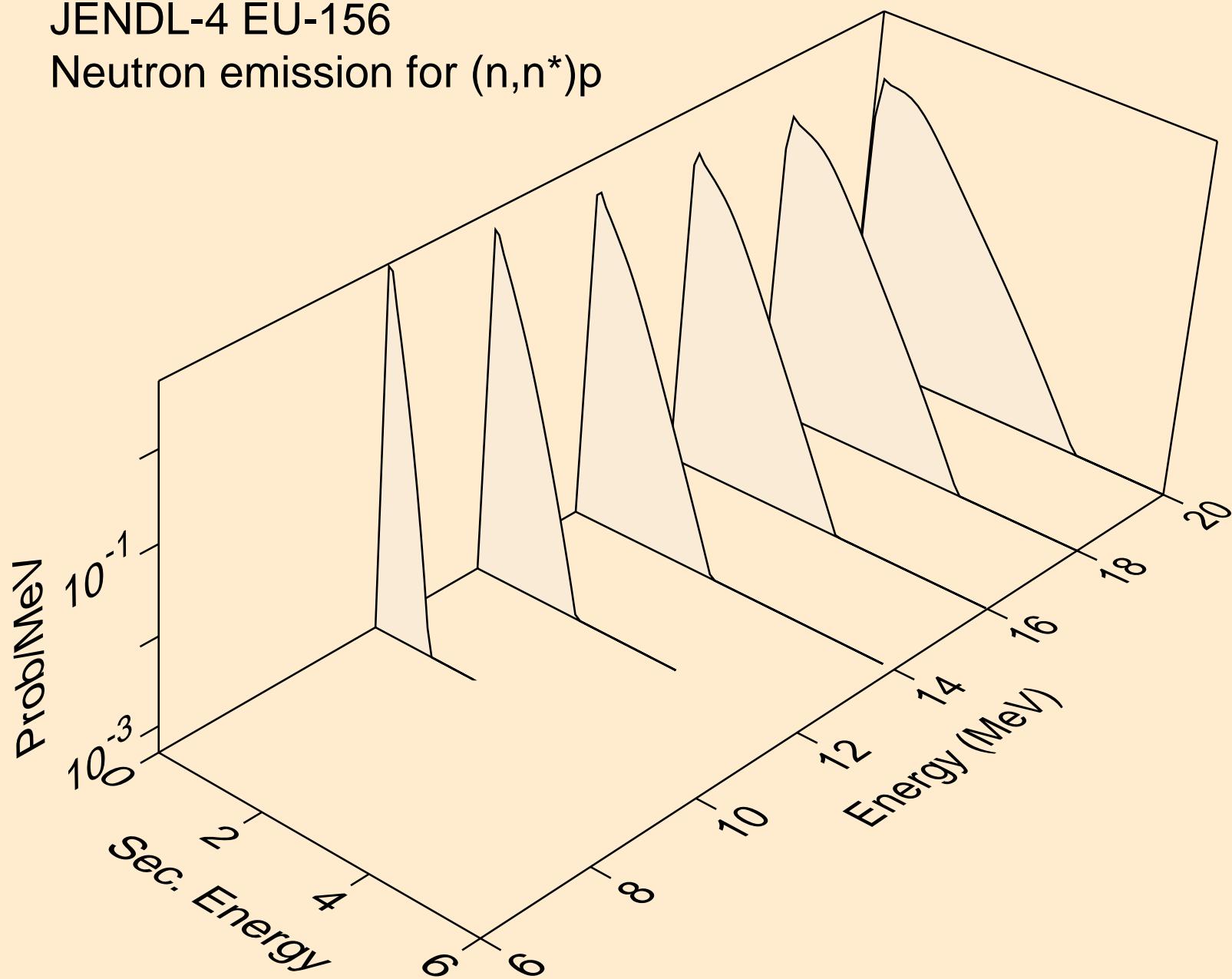
JENDL-4 EU-156  
Neutron emission for  $(n,n^*)a$



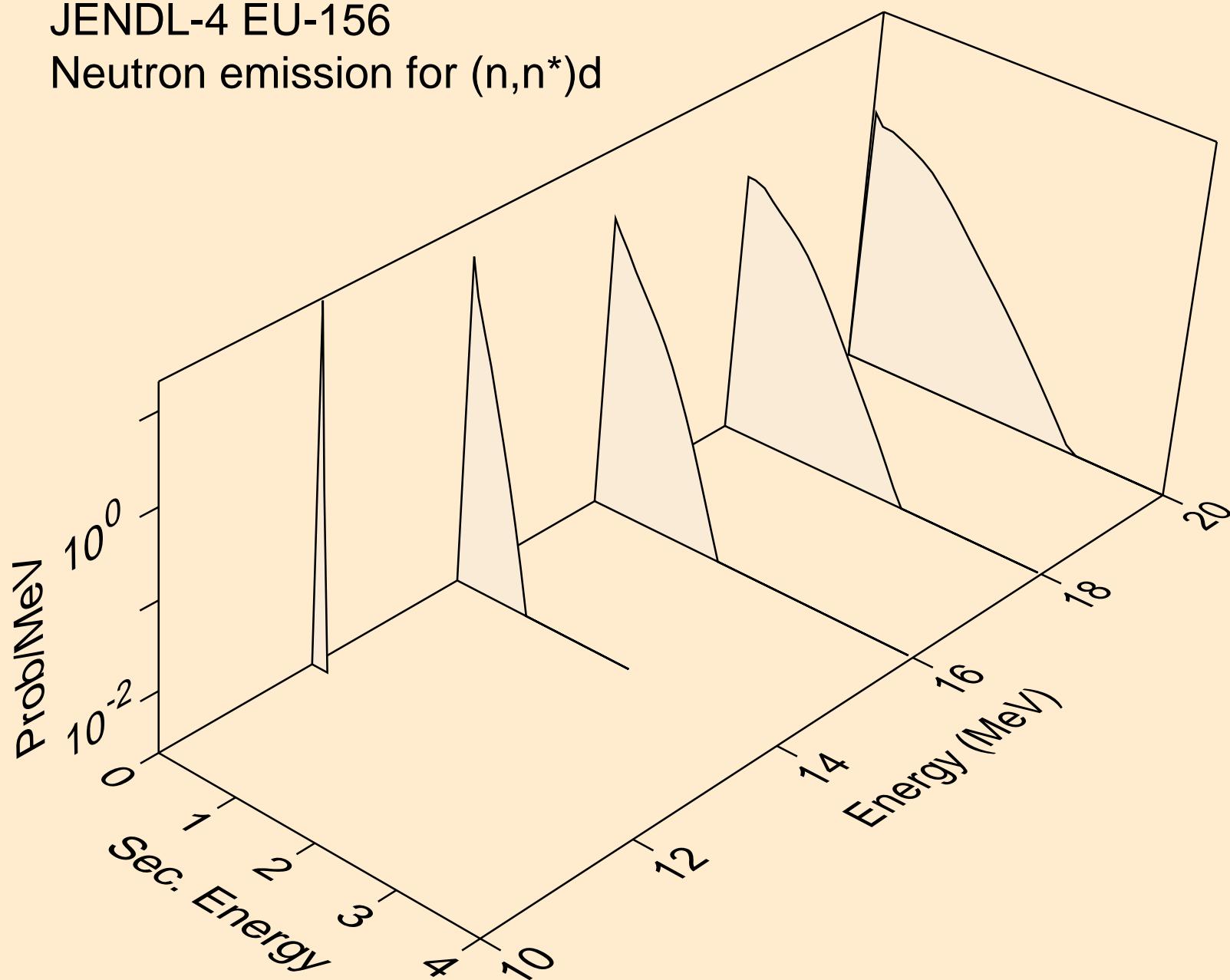
JENDL-4 EU-156  
Neutron emission for  $(n,2n)a$



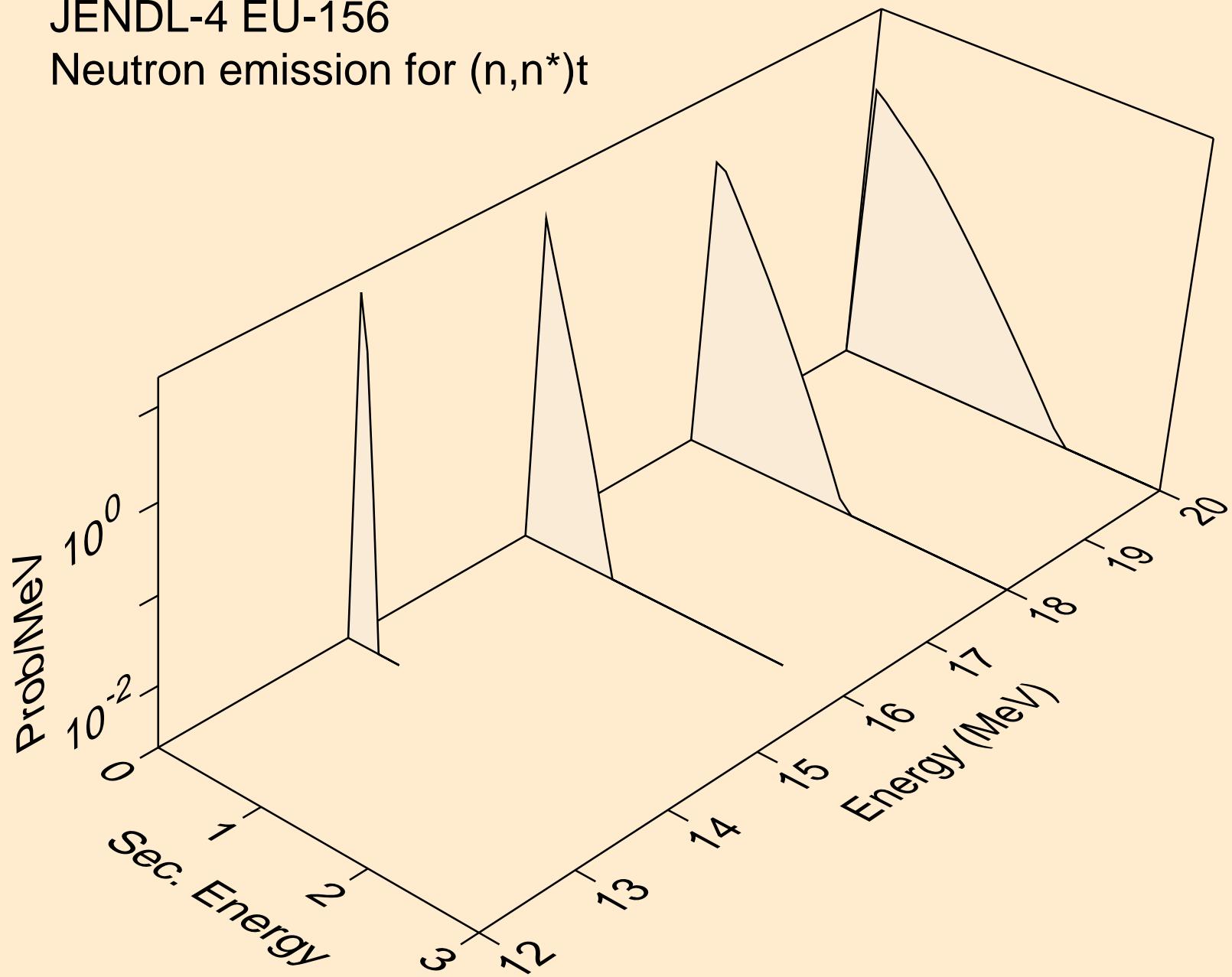
JENDL-4 EU-156  
Neutron emission for  $(n,n^*)p$



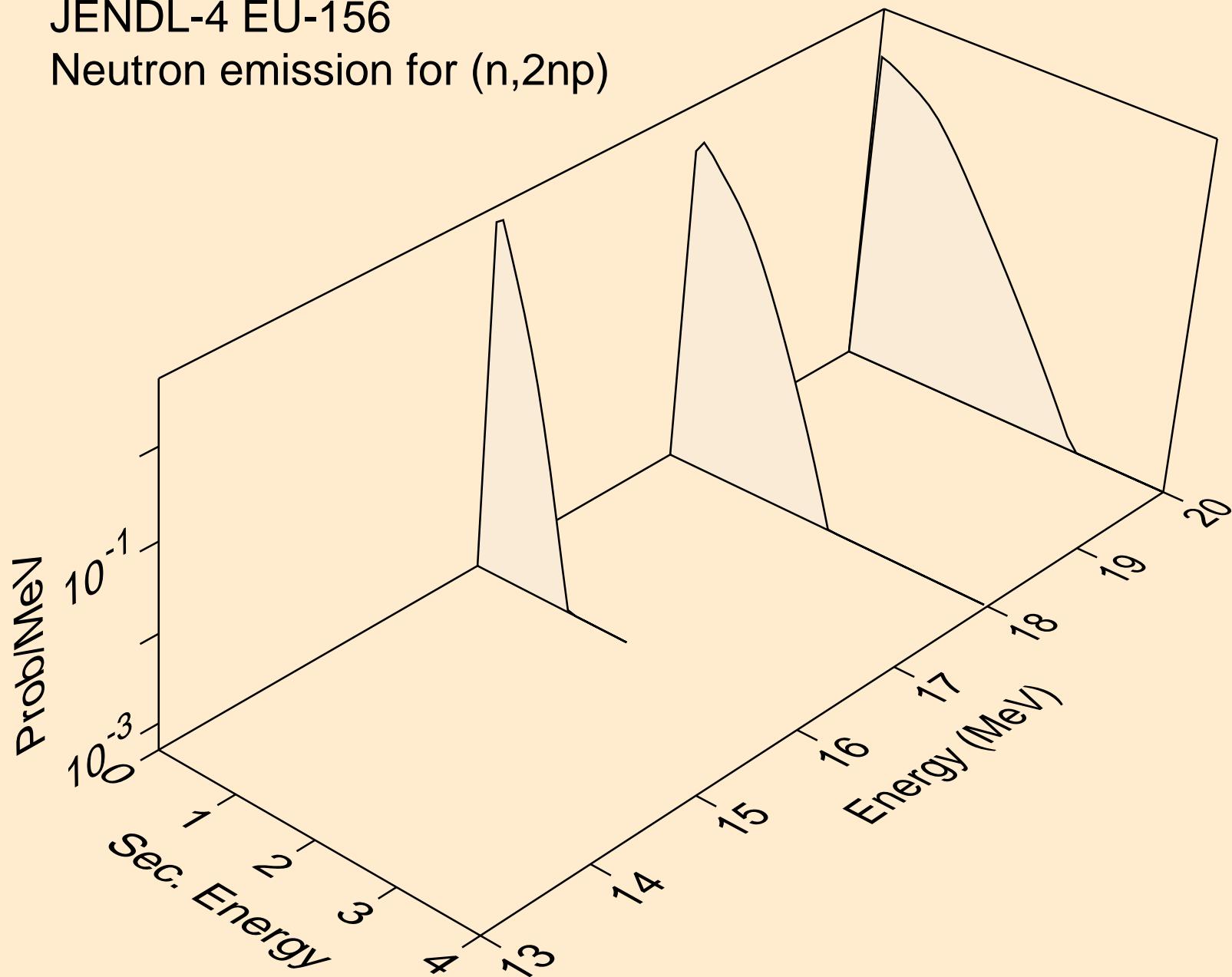
JENDL-4 EU-156  
Neutron emission for  $(n,n^*)d$



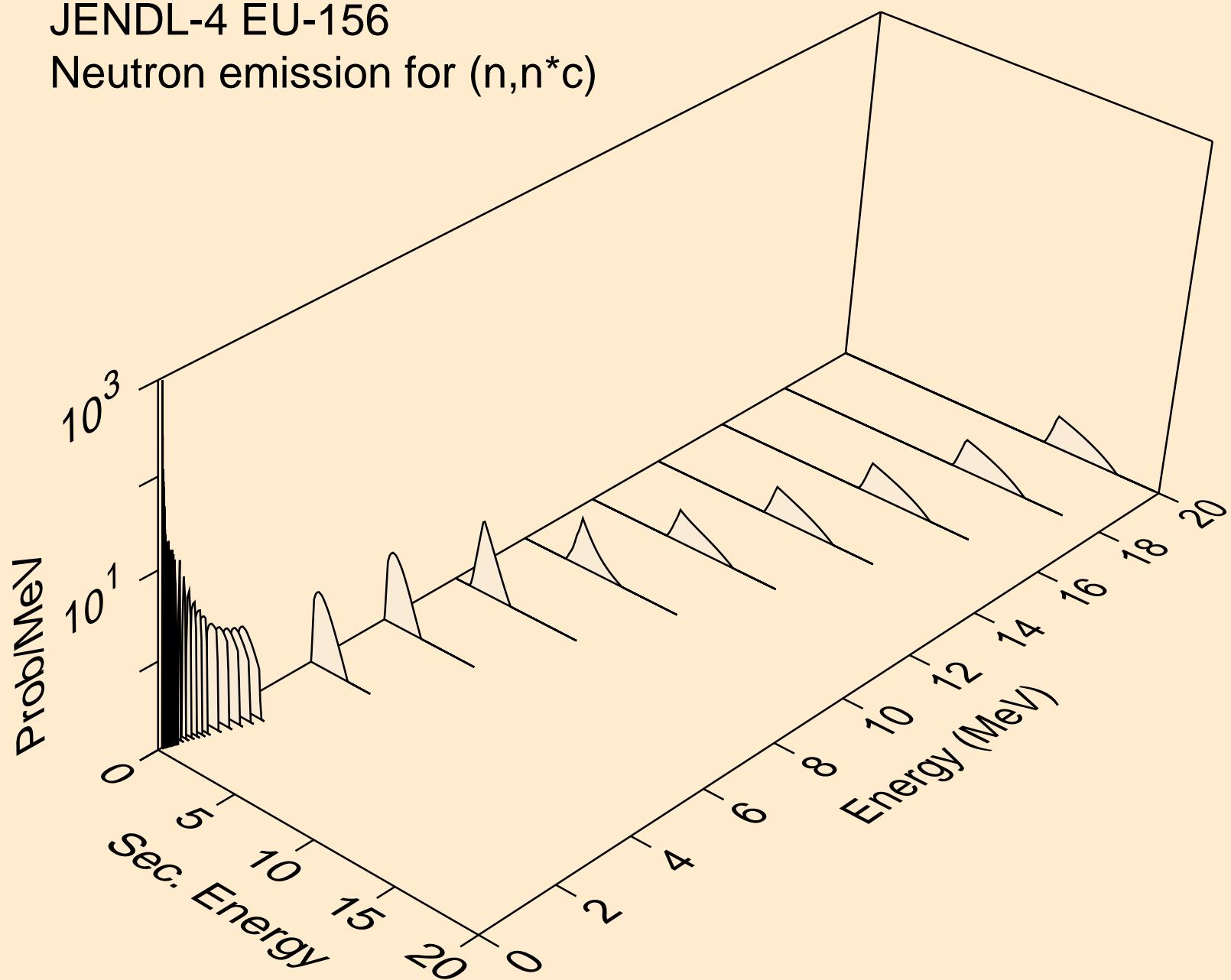
JENDL-4 EU-156  
Neutron emission for  $(n,n^*)t$



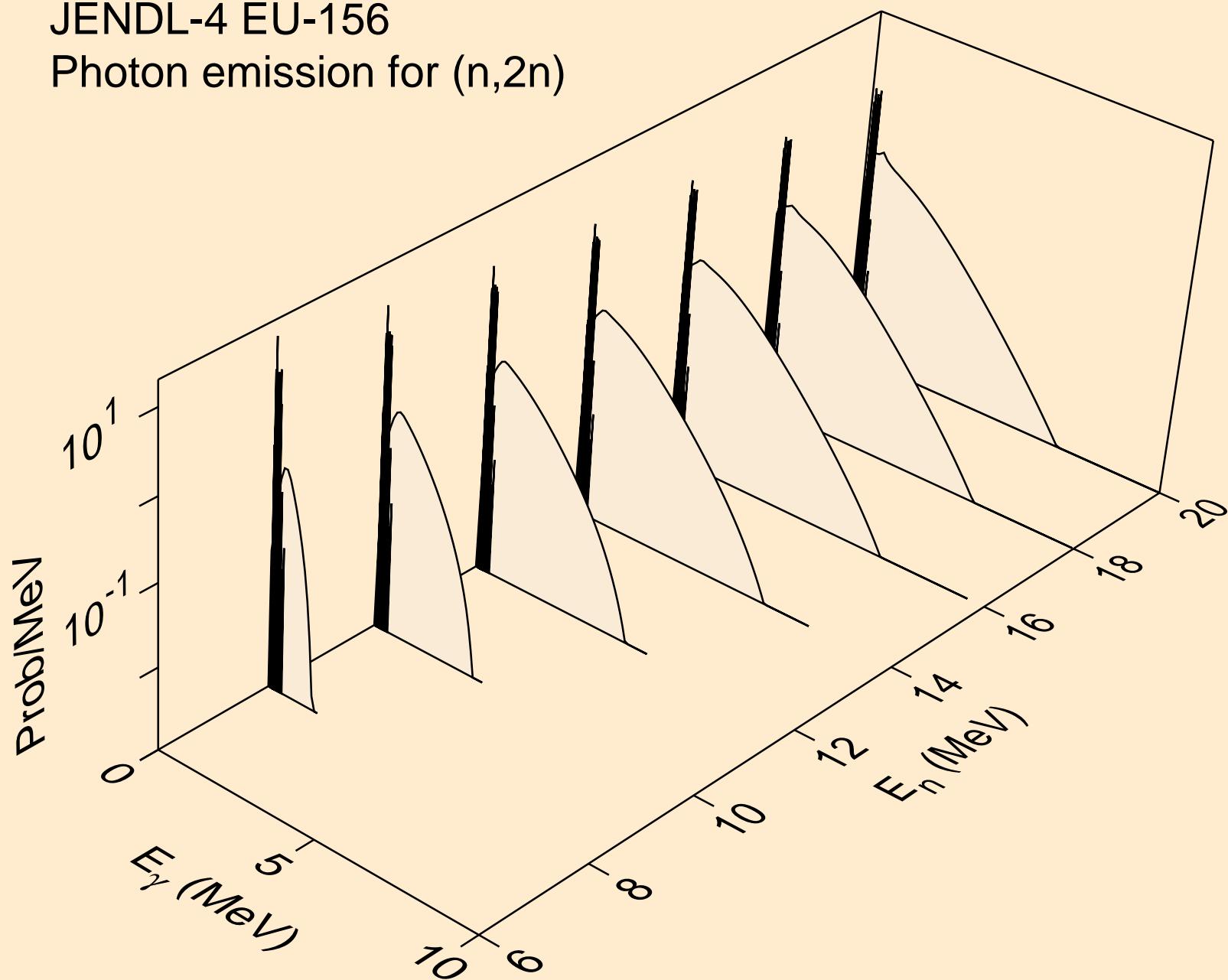
JENDL-4 EU-156  
Neutron emission for (n,2np)



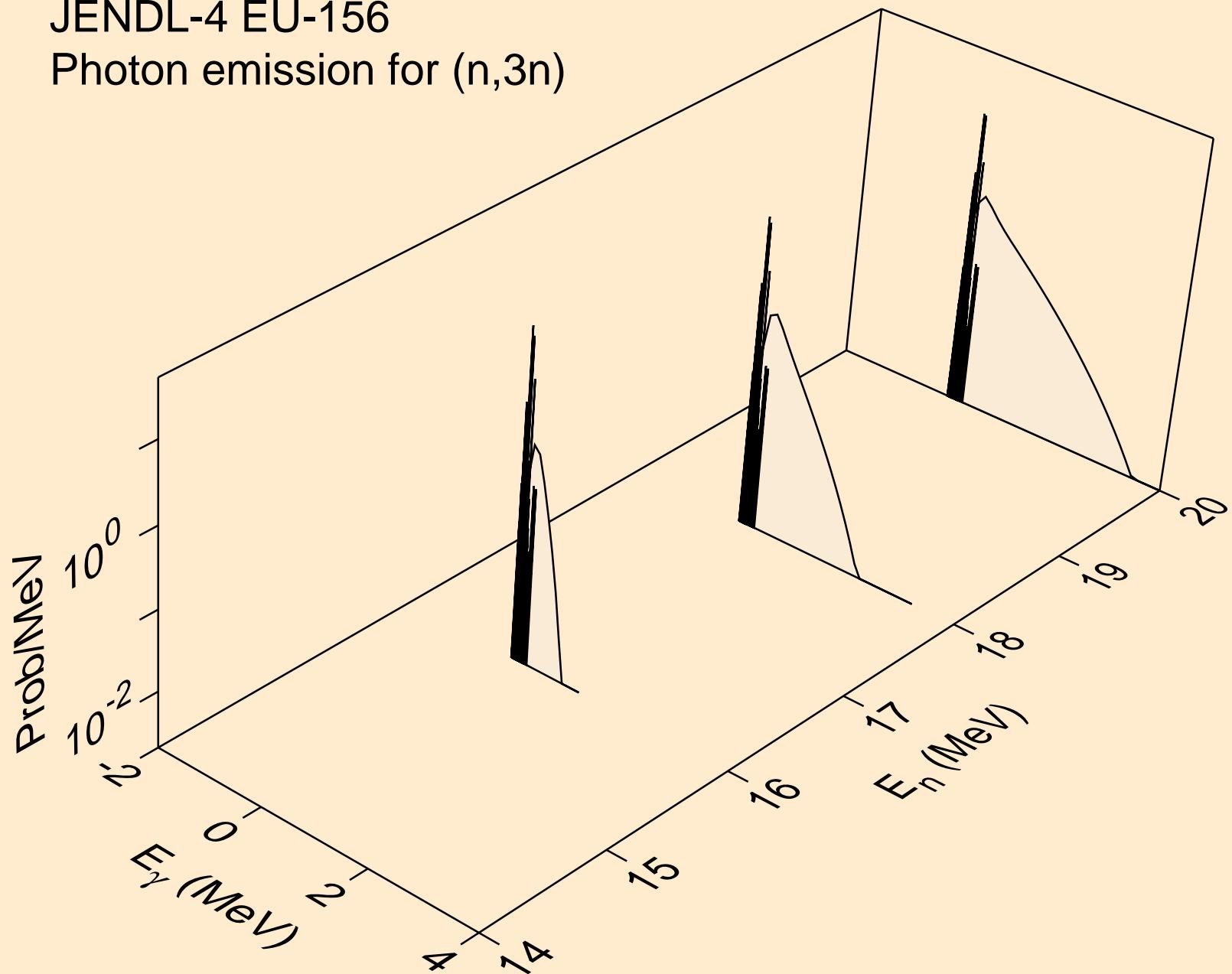
JENDL-4 EU-156  
Neutron emission for  $(n, n^* c)$



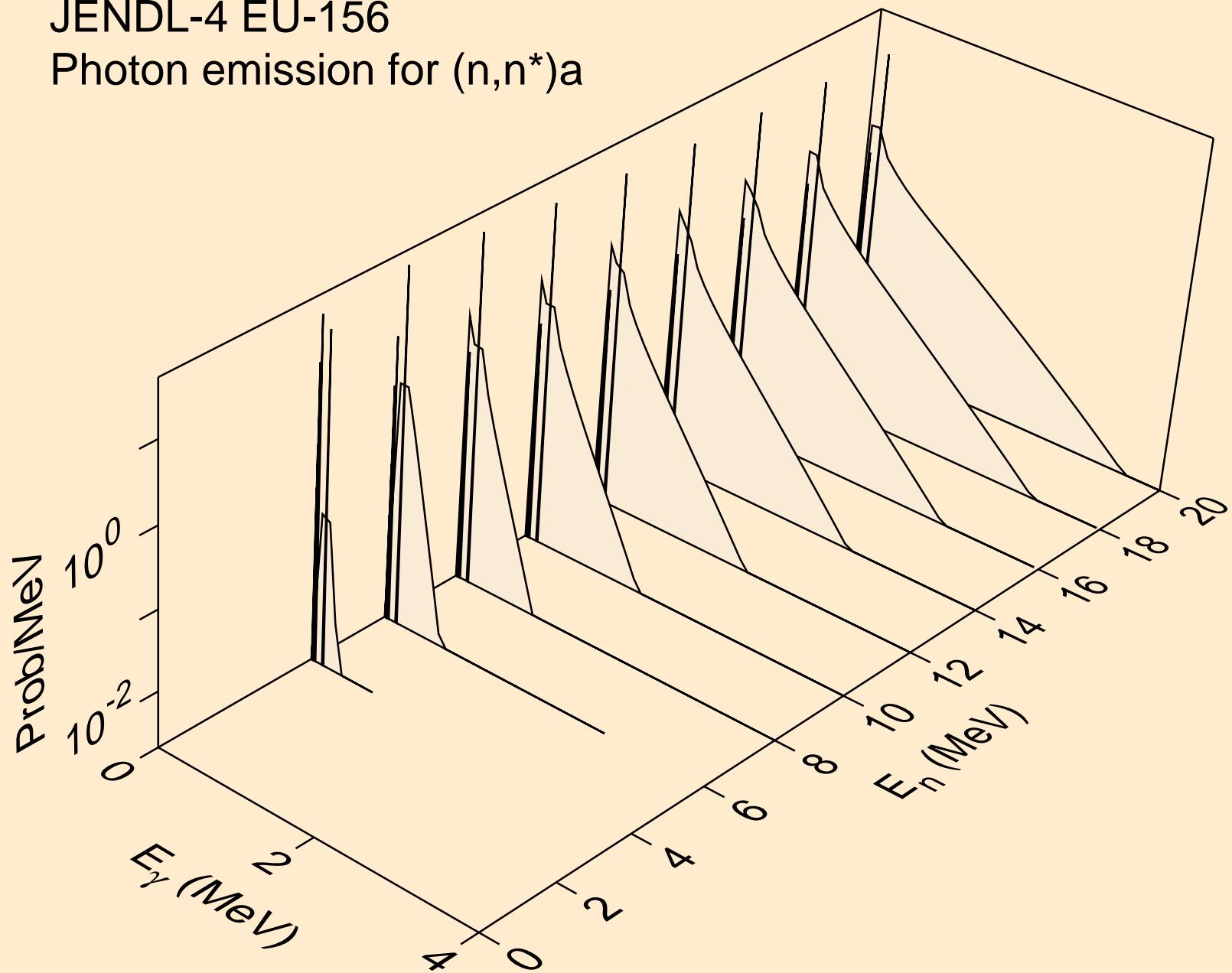
JENDL-4 EU-156  
Photon emission for (n,2n)



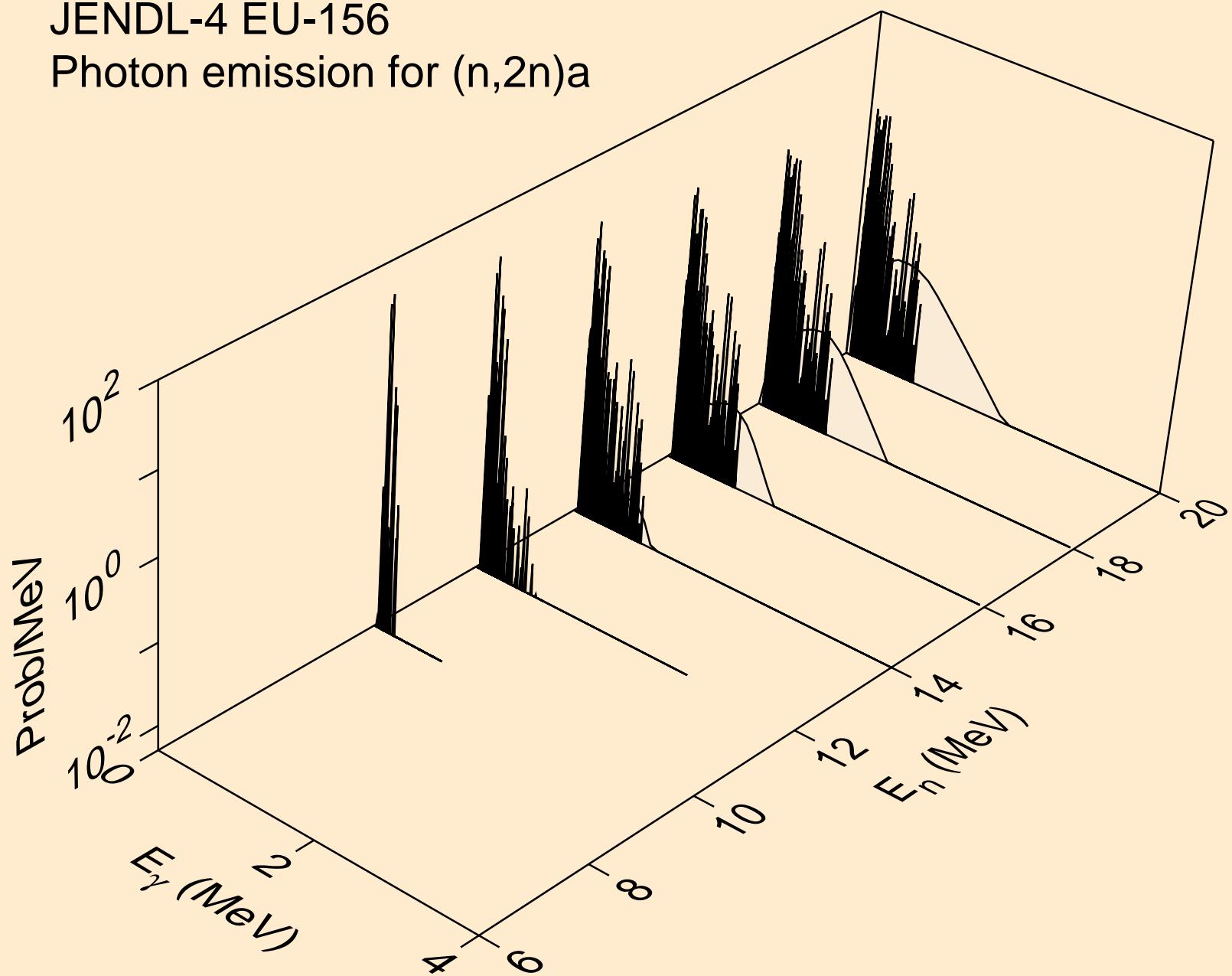
JENDL-4 EU-156  
Photon emission for (n,3n)



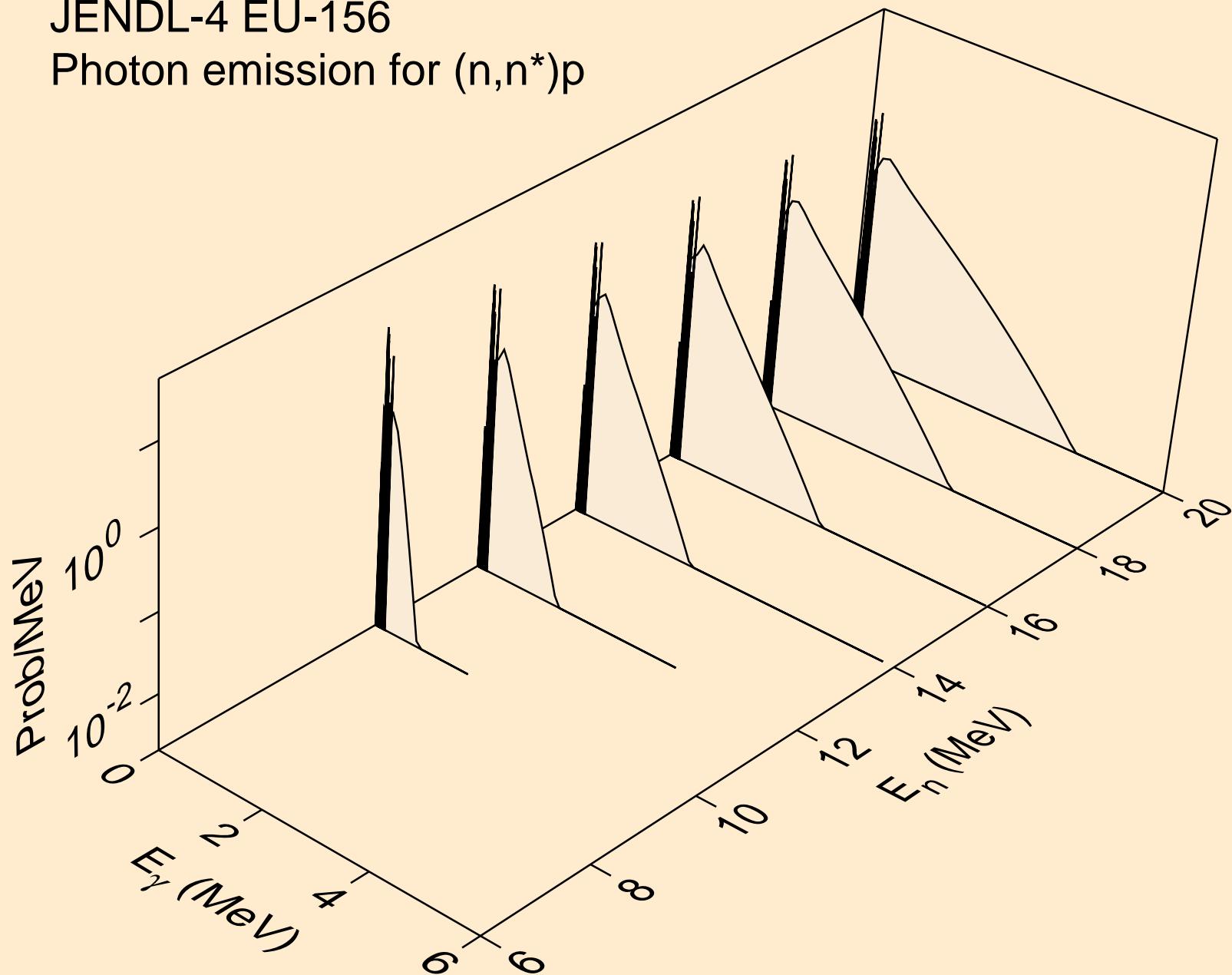
JENDL-4 EU-156  
Photon emission for  $(n,n^*)a$



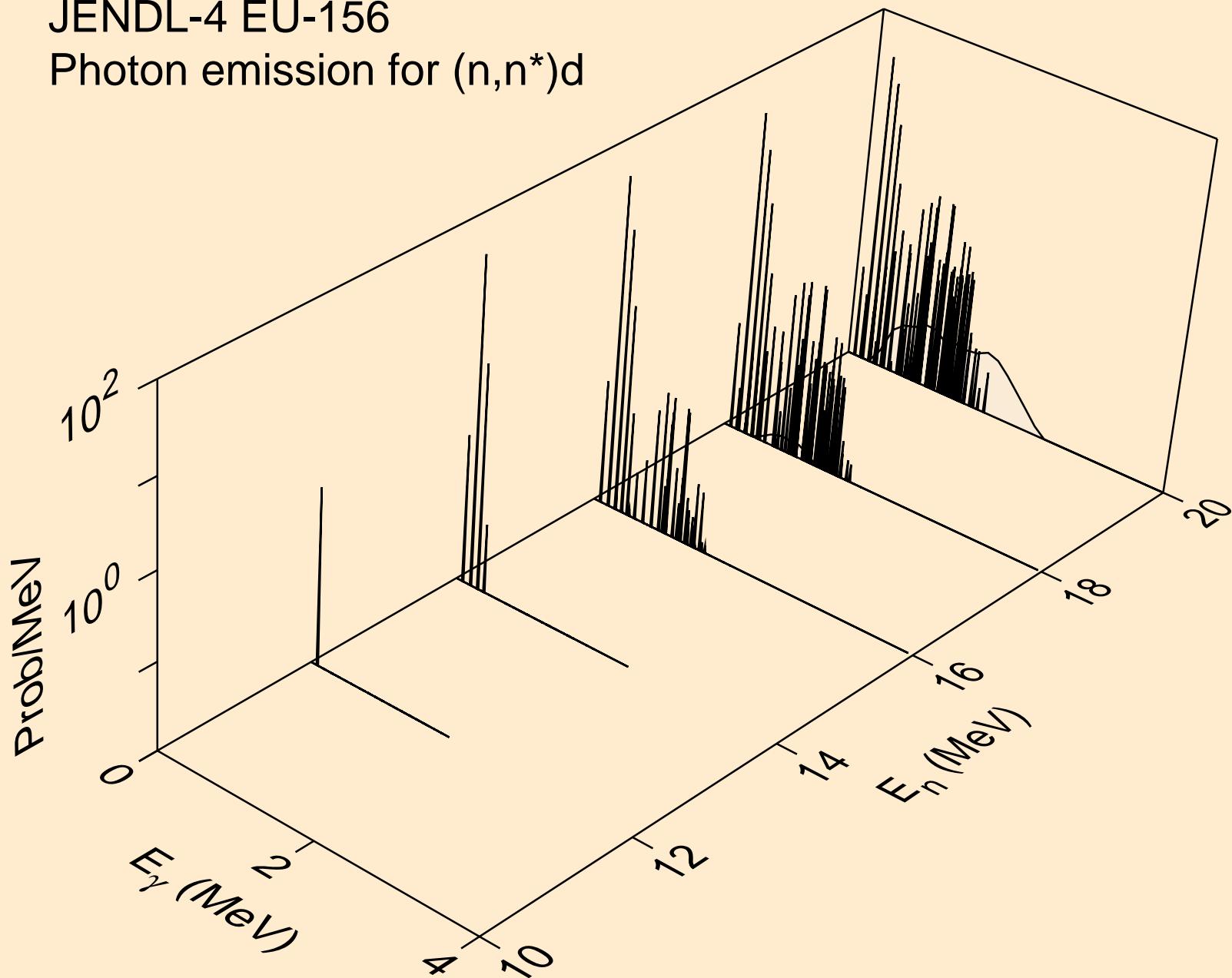
JENDL-4 EU-156  
Photon emission for (n,2n)a



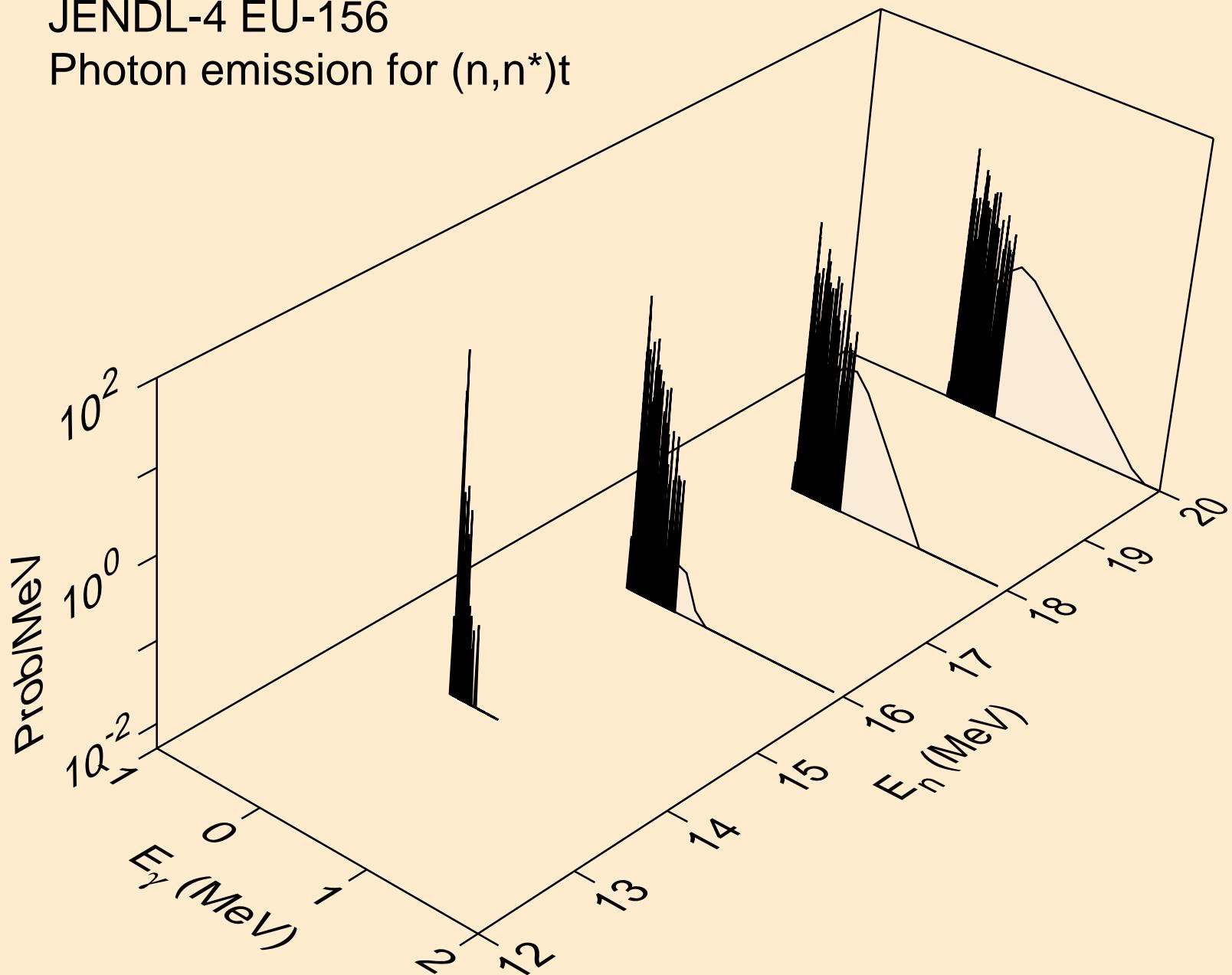
JENDL-4 EU-156  
Photon emission for  $(n,n^*)p$



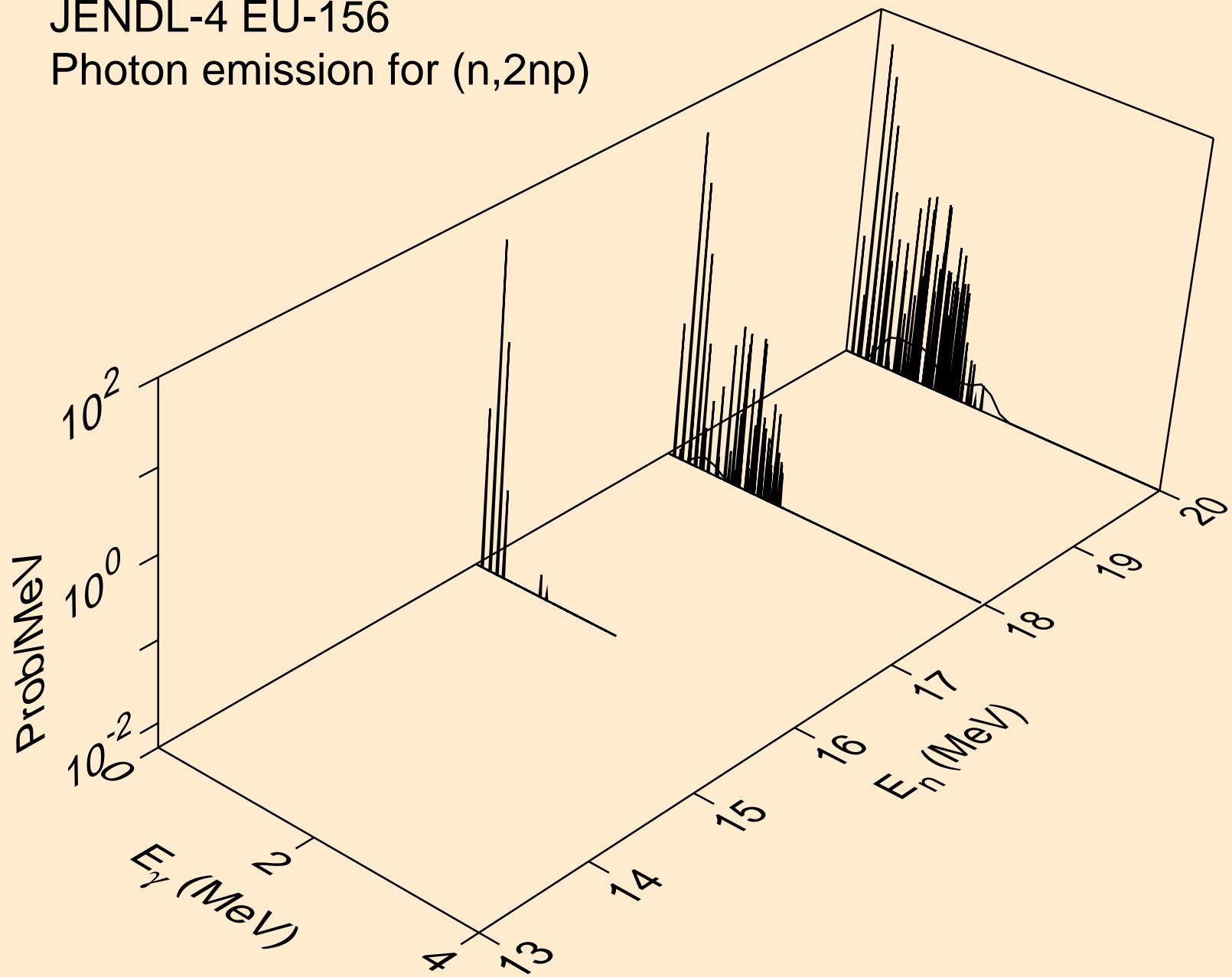
JENDL-4 EU-156  
Photon emission for  $(n,n^*)d$



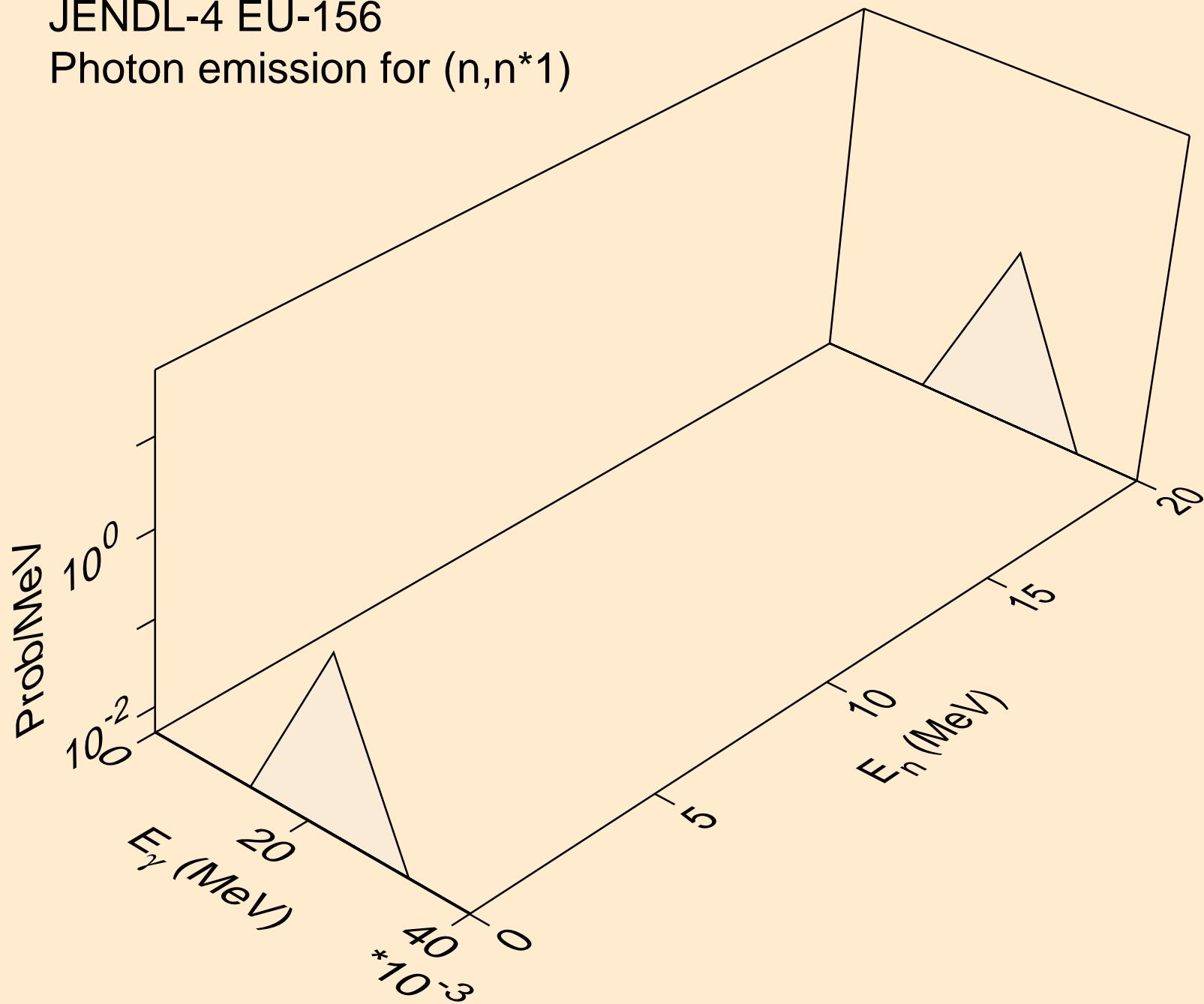
JENDL-4 EU-156  
Photon emission for  $(n,n^*)t$



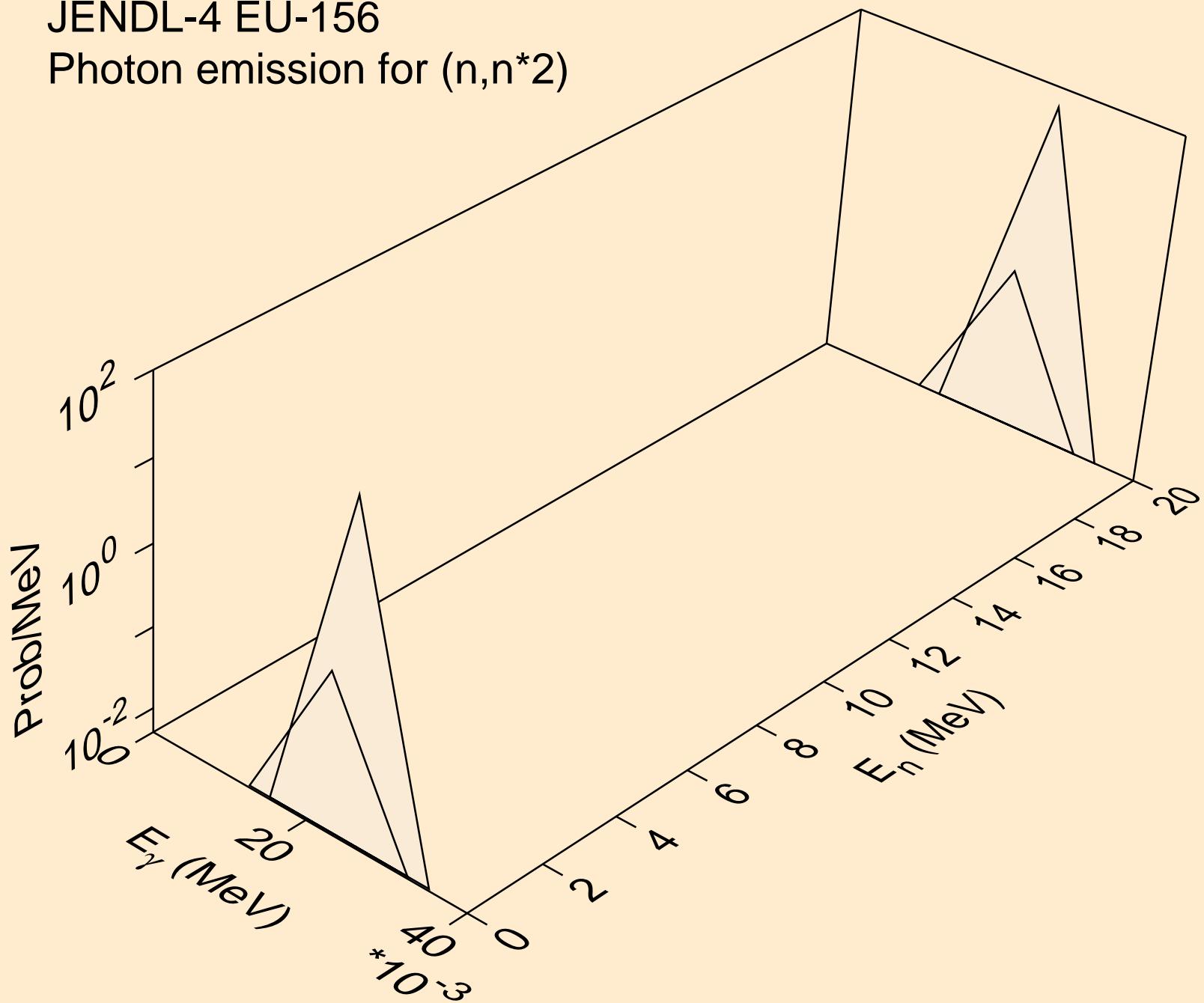
JENDL-4 EU-156  
Photon emission for (n,2np)



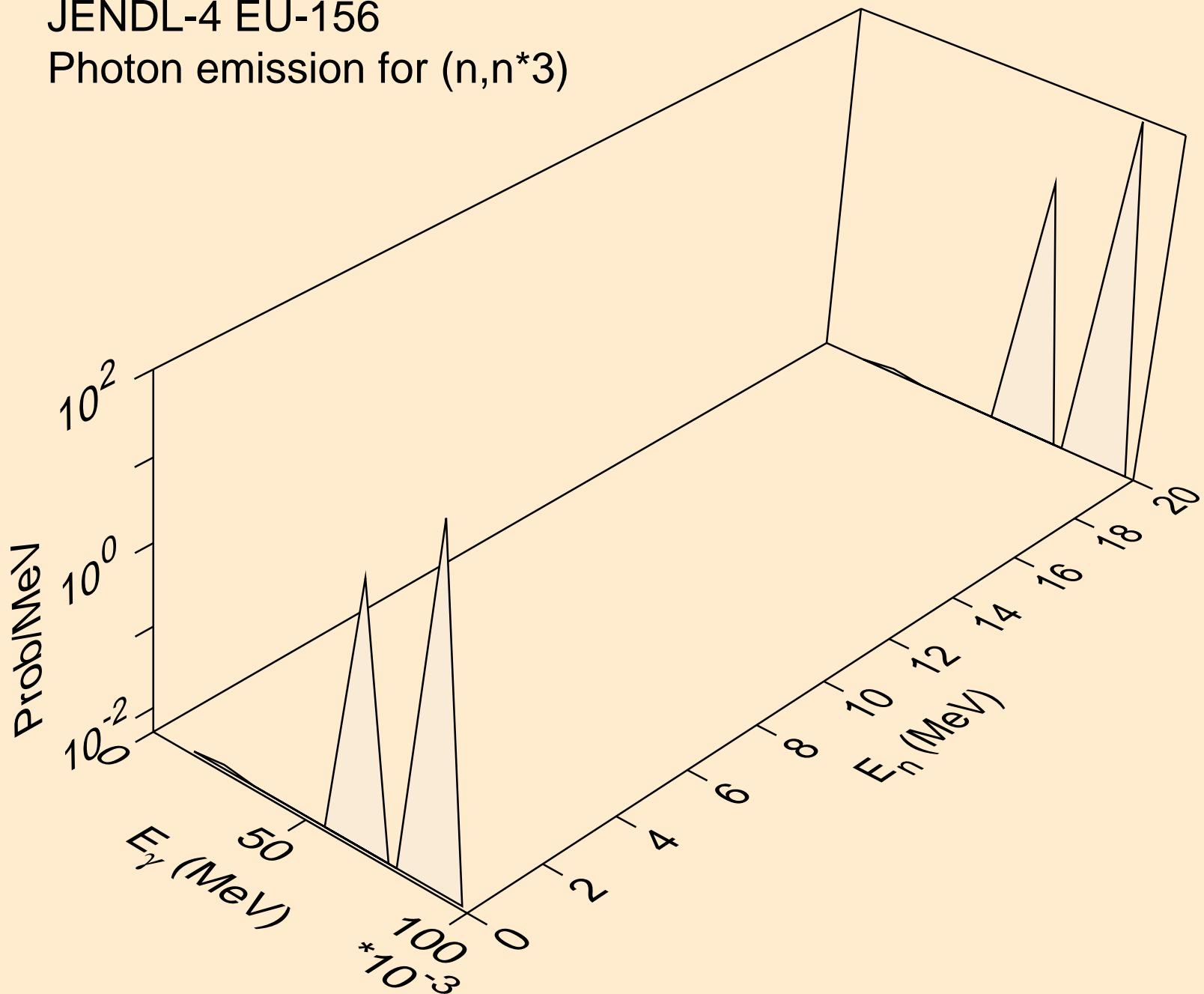
JENDL-4 EU-156  
Photon emission for (n,n\*1)



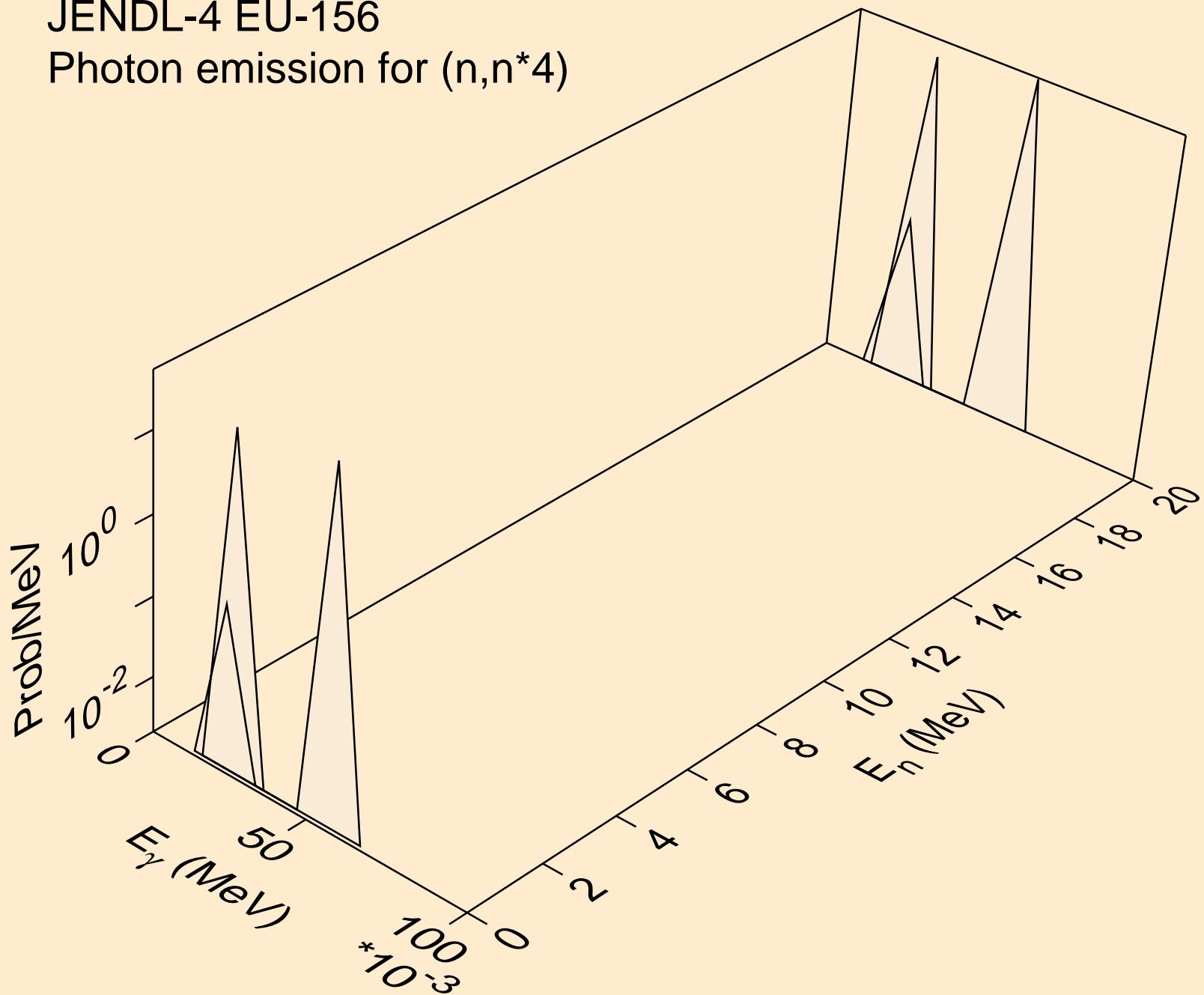
JENDL-4 EU-156  
Photon emission for (n,n\*2)



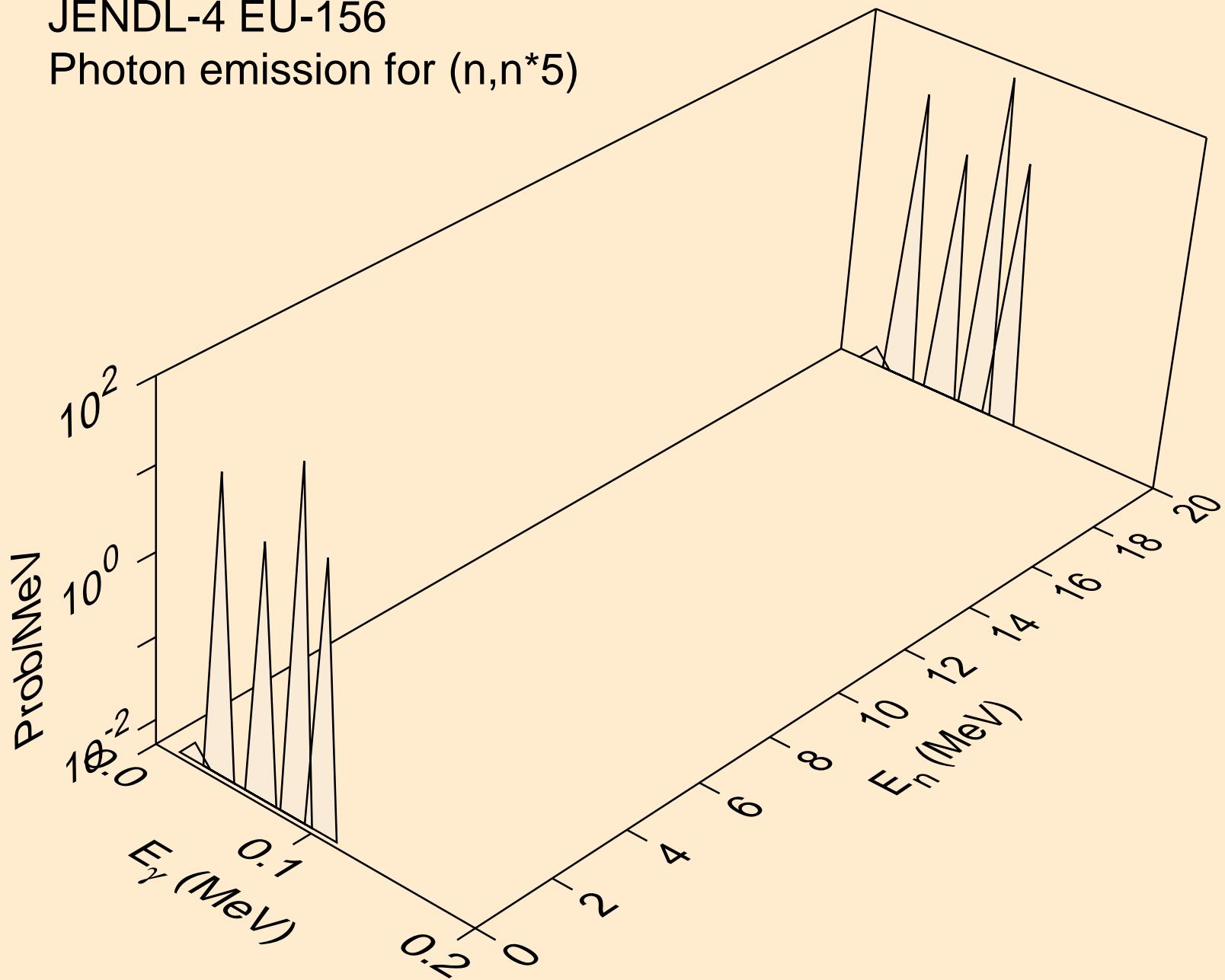
JENDL-4 EU-156  
Photon emission for (n,n\*3)



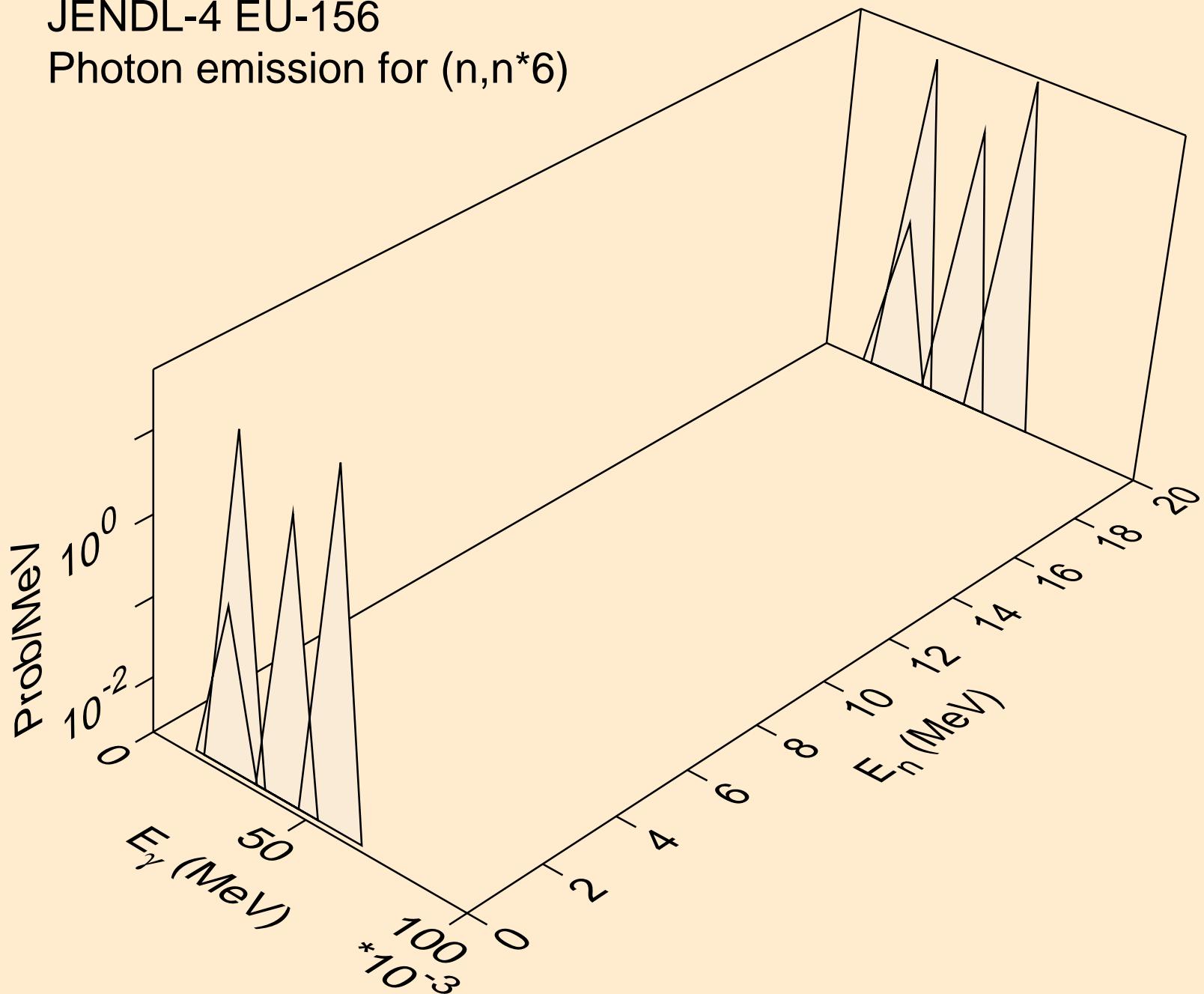
JENDL-4 EU-156  
Photon emission for (n,n\*4)



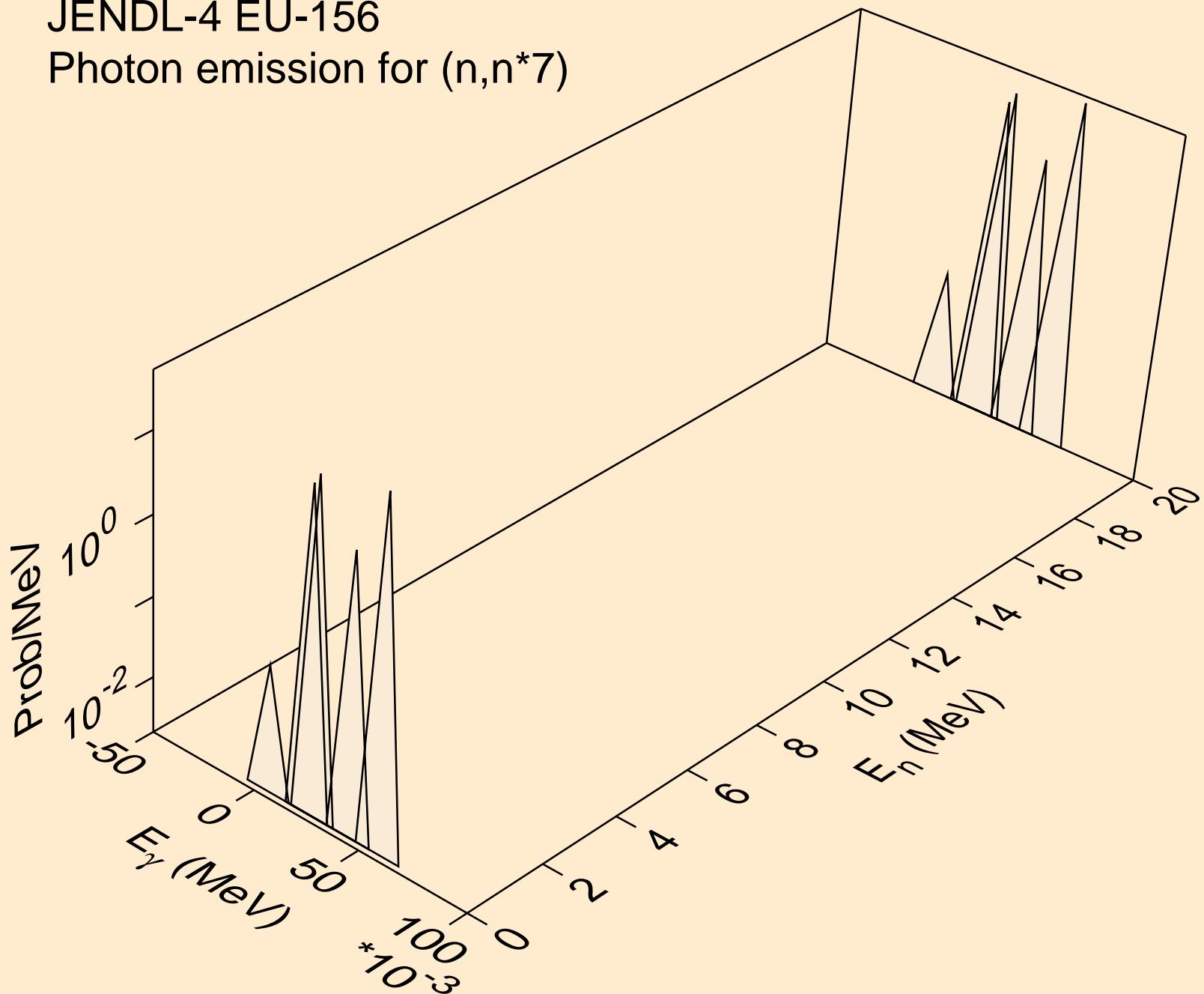
JENDL-4 EU-156  
Photon emission for (n,n\*5)



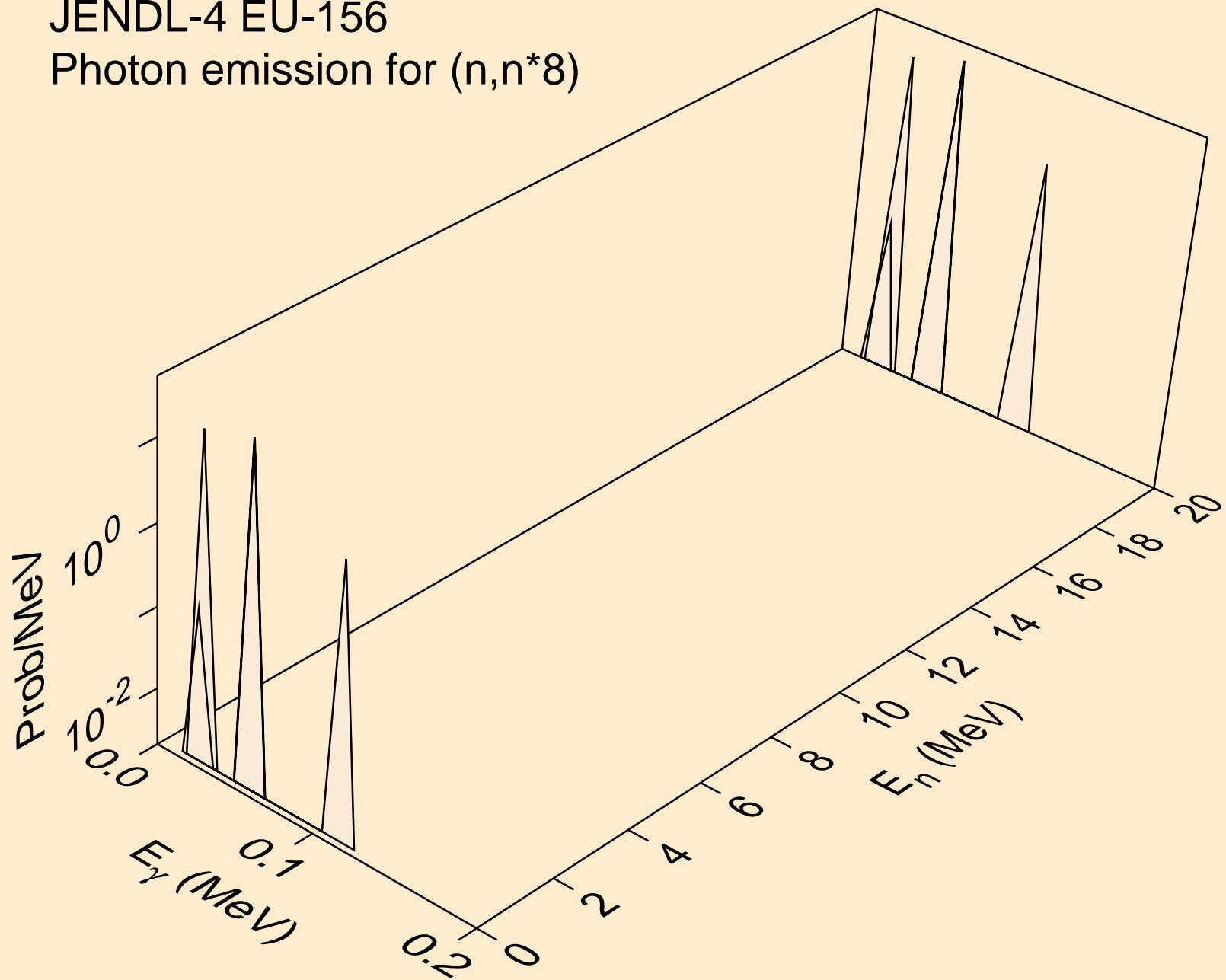
JENDL-4 EU-156  
Photon emission for (n,n\*6)



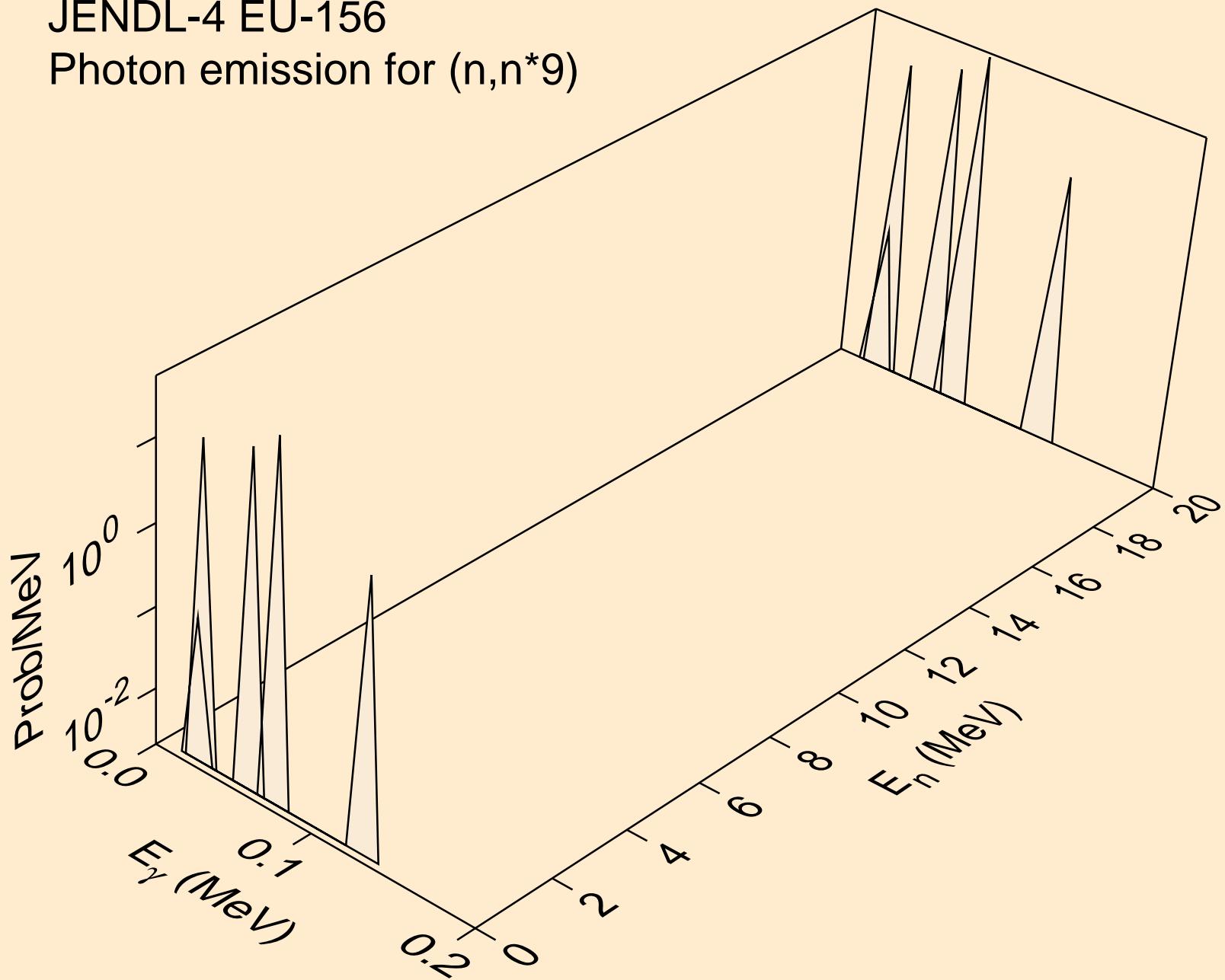
JENDL-4 EU-156  
Photon emission for (n,n\*7)



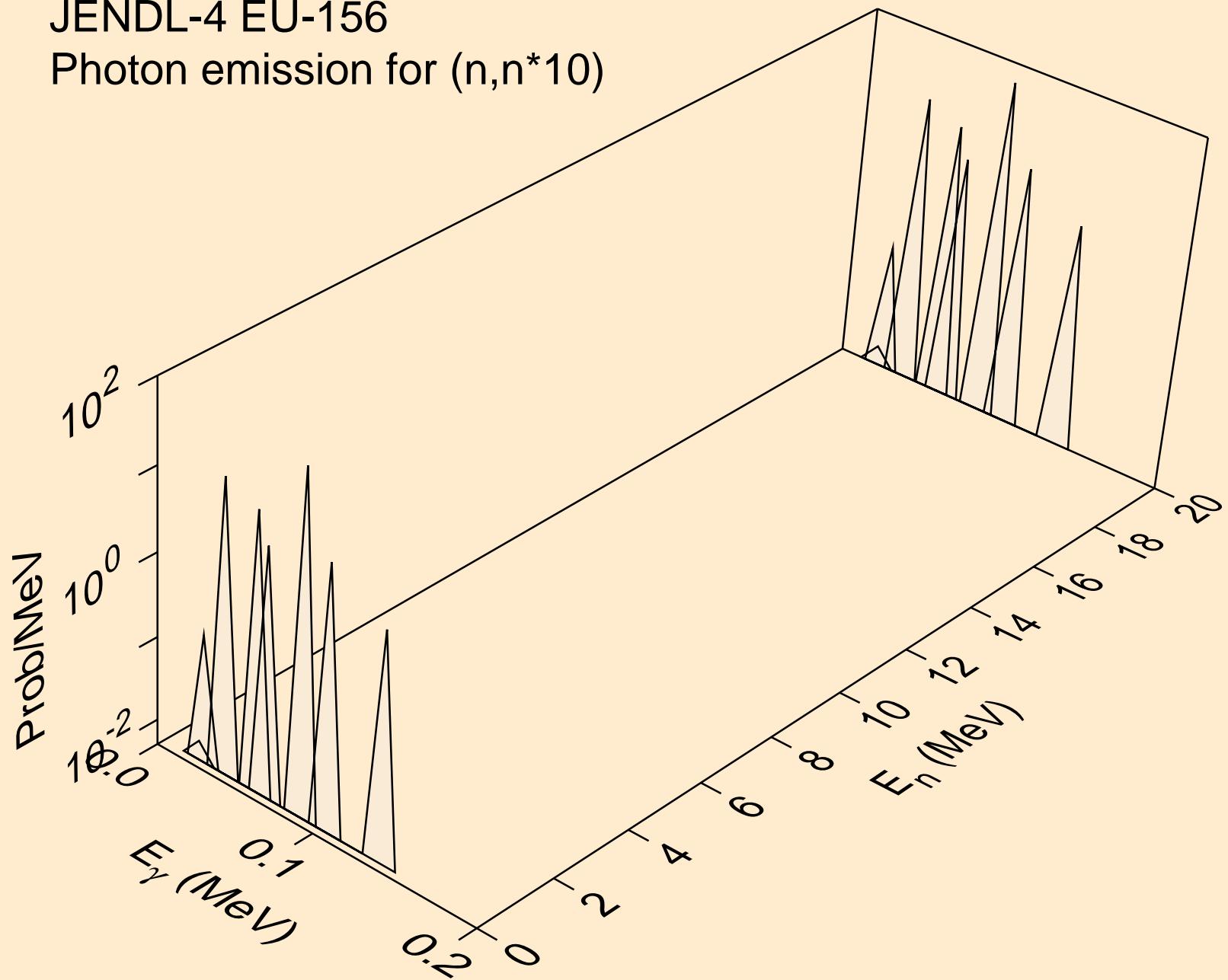
JENDL-4 EU-156  
Photon emission for (n,n\*8)



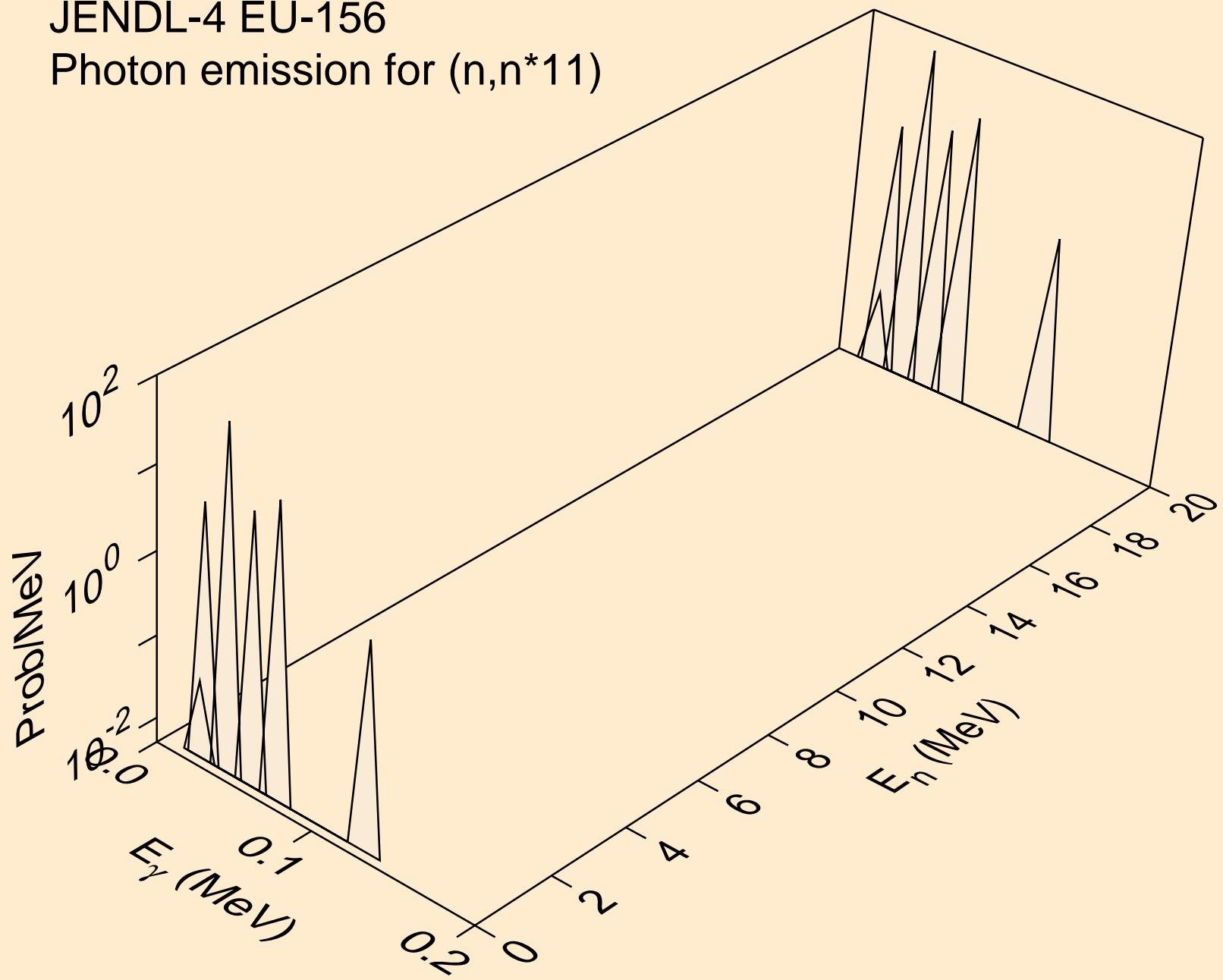
JENDL-4 EU-156  
Photon emission for (n,n\*9)



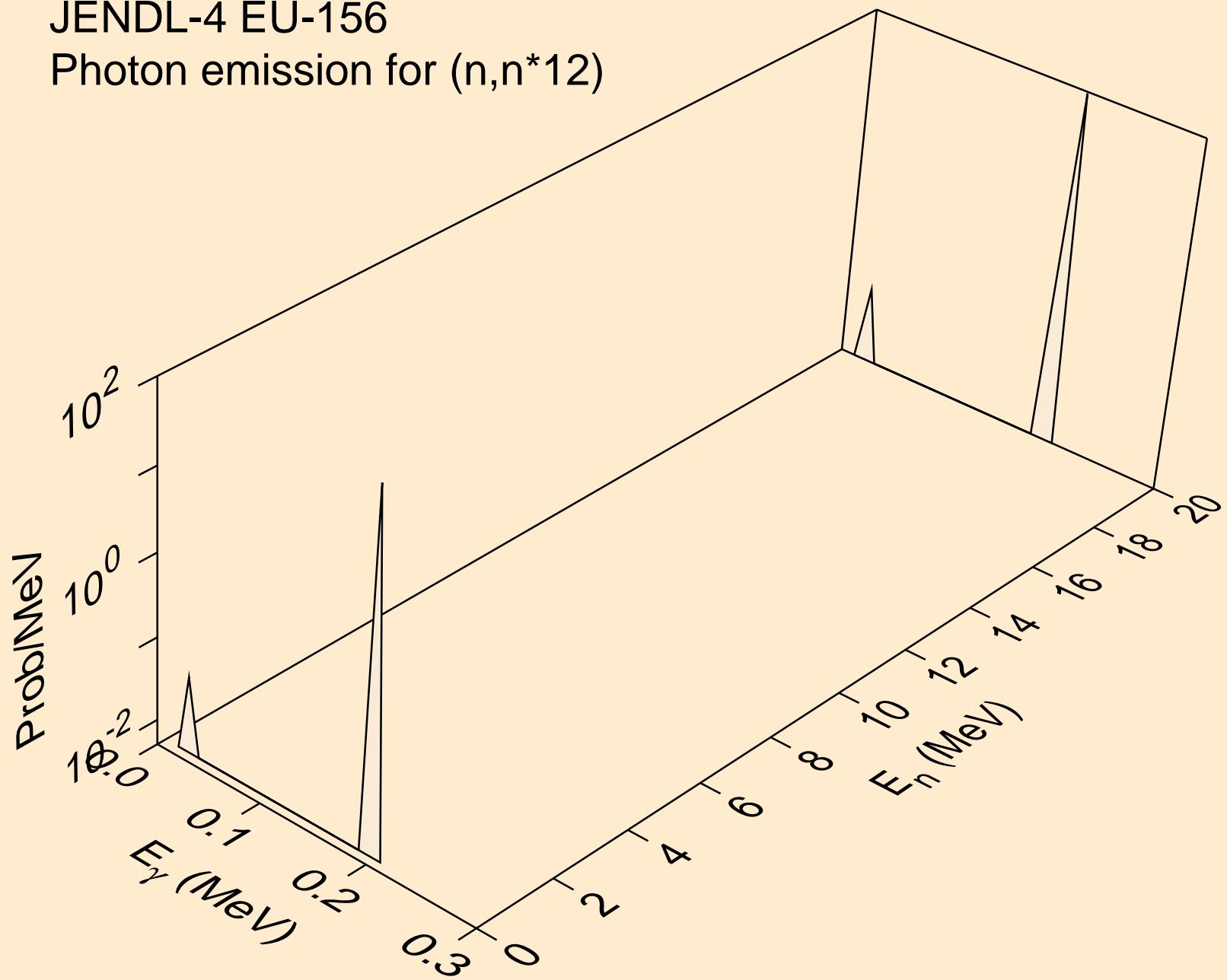
JENDL-4 EU-156  
Photon emission for ( $n,n^*$ ) $\times 10$



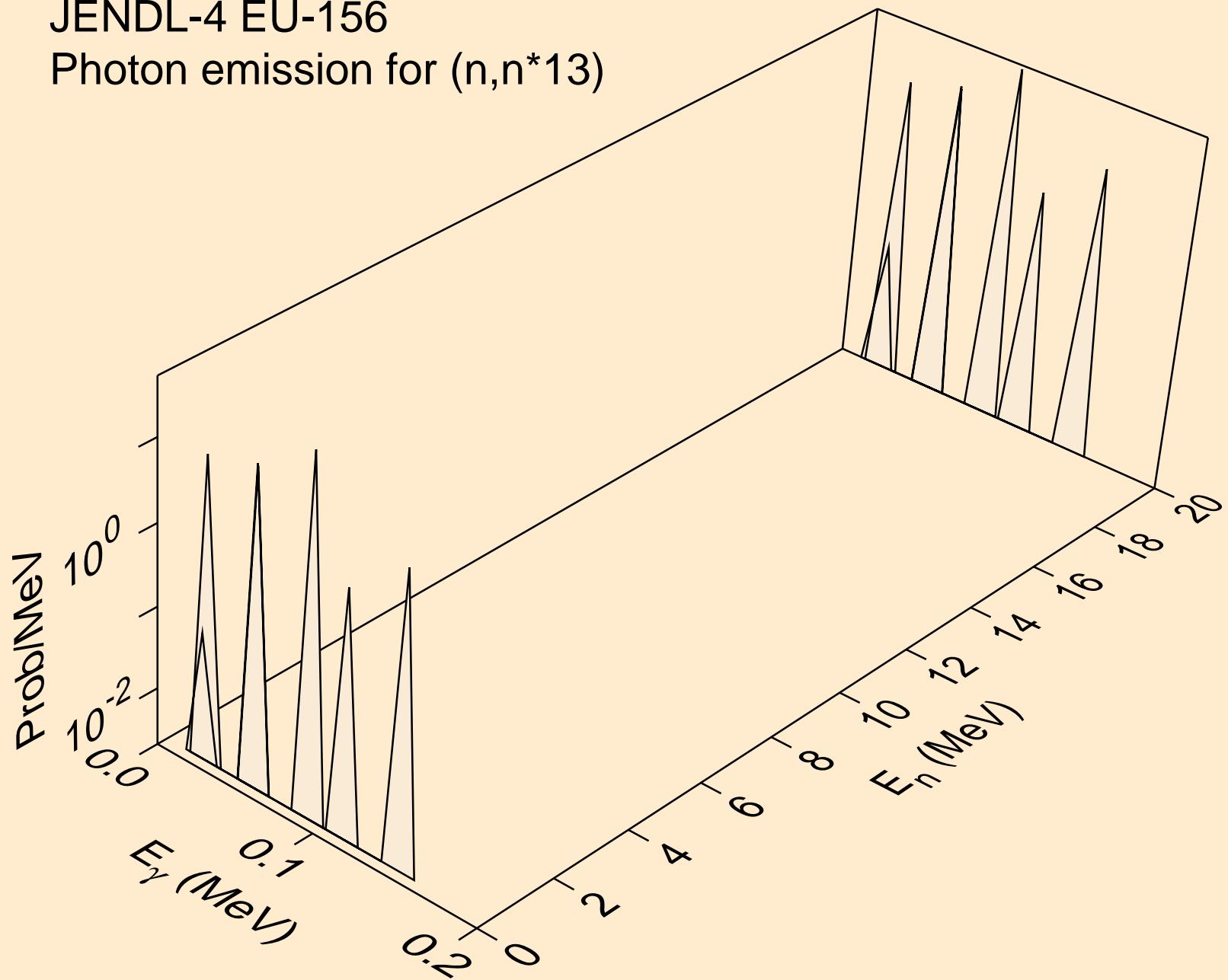
JENDL-4 EU-156  
Photon emission for (n,n\*11)



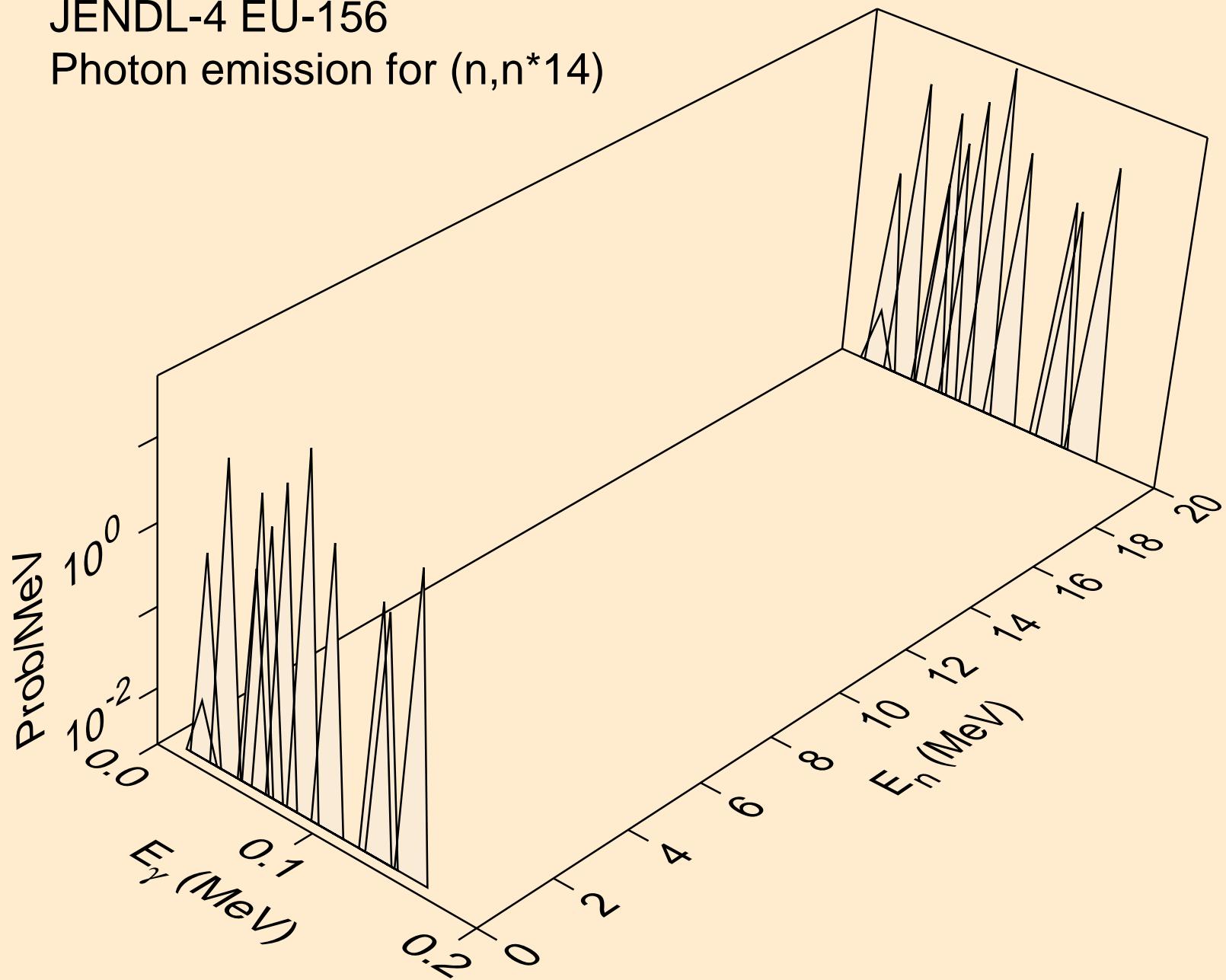
JENDL-4 EU-156  
Photon emission for (n,n\*12)



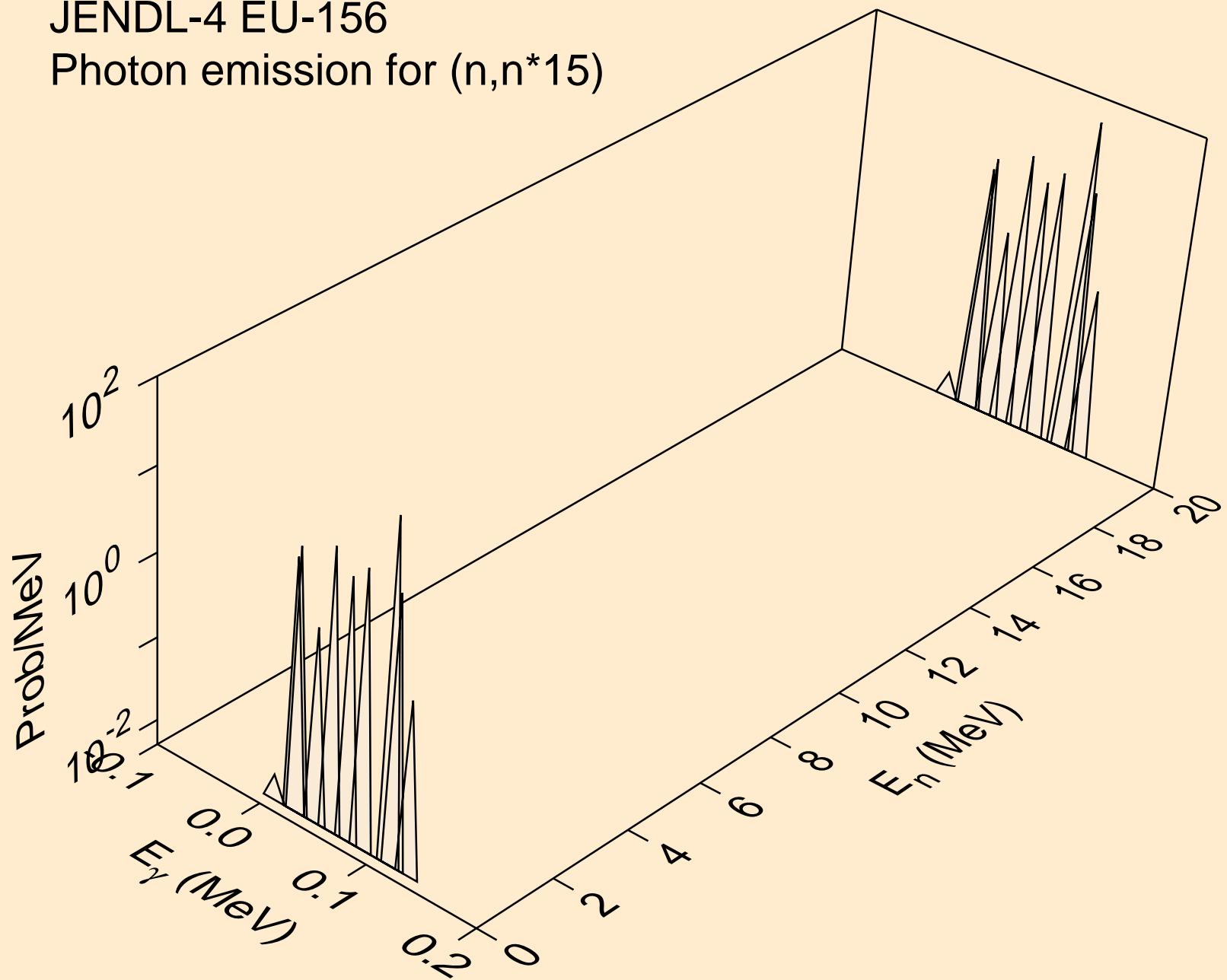
JENDL-4 EU-156  
Photon emission for ( $n, n^* 13$ )



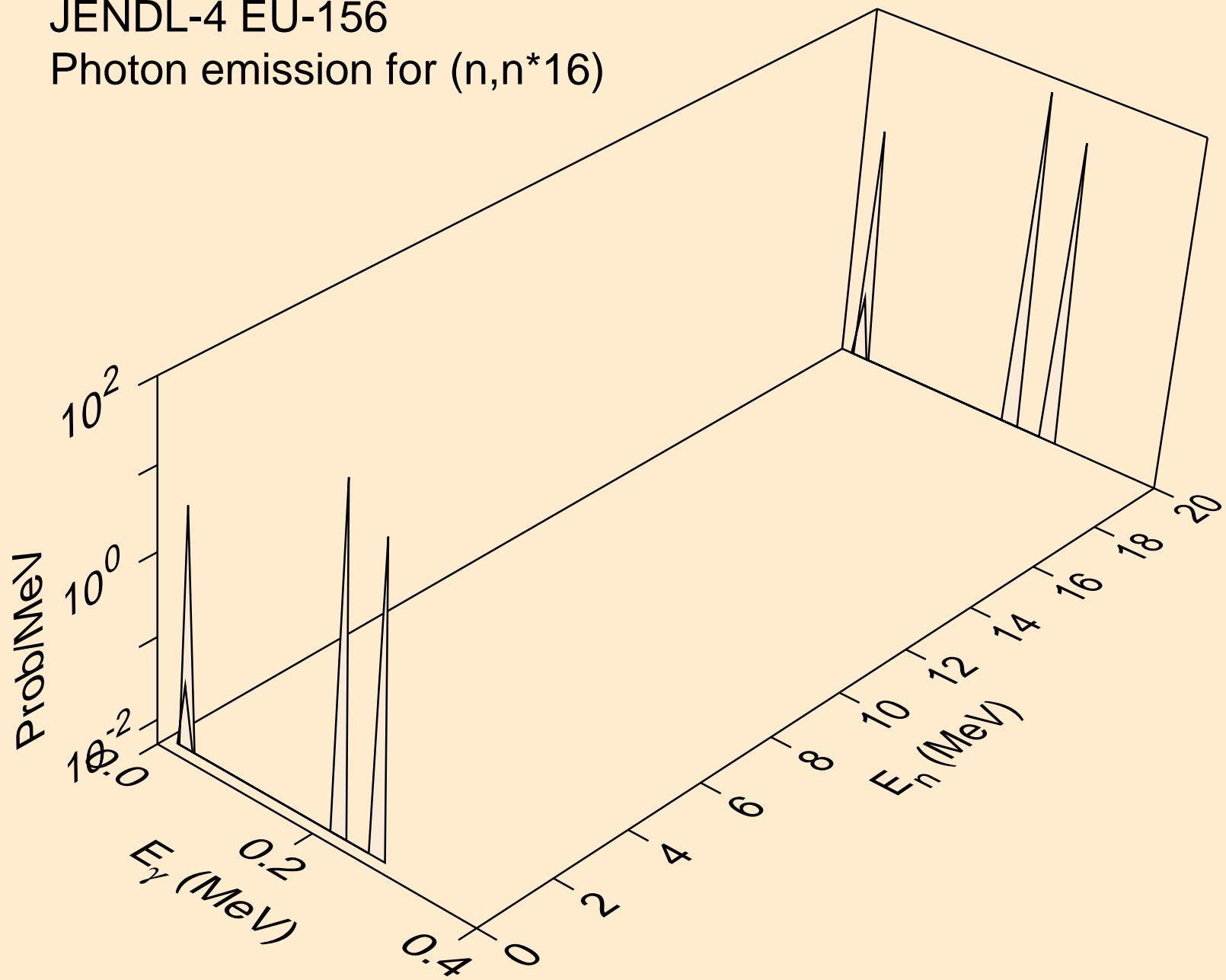
JENDL-4 EU-156  
Photon emission for ( $n, n^* 14$ )



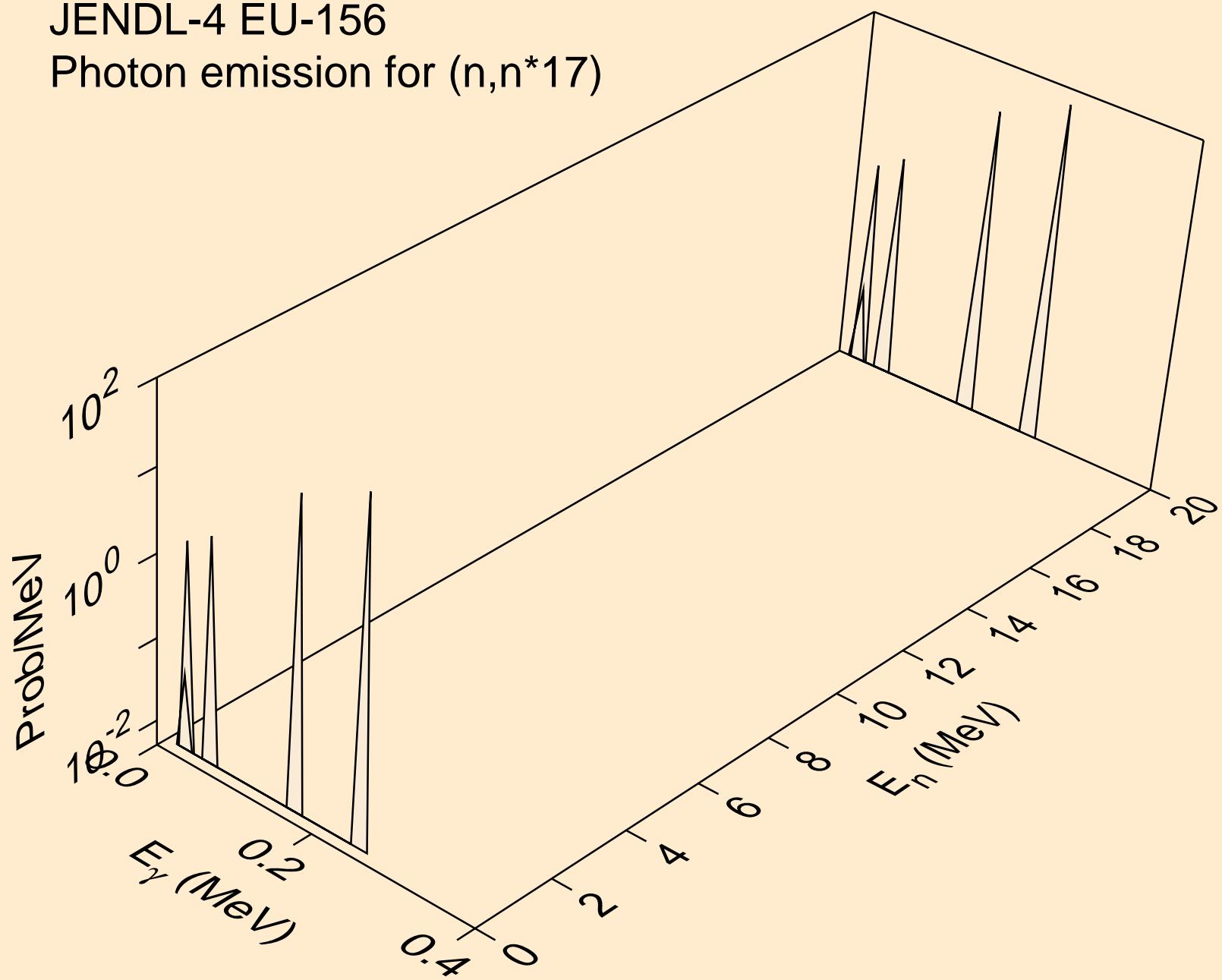
JENDL-4 EU-156  
Photon emission for ( $n, n^* 15$ )



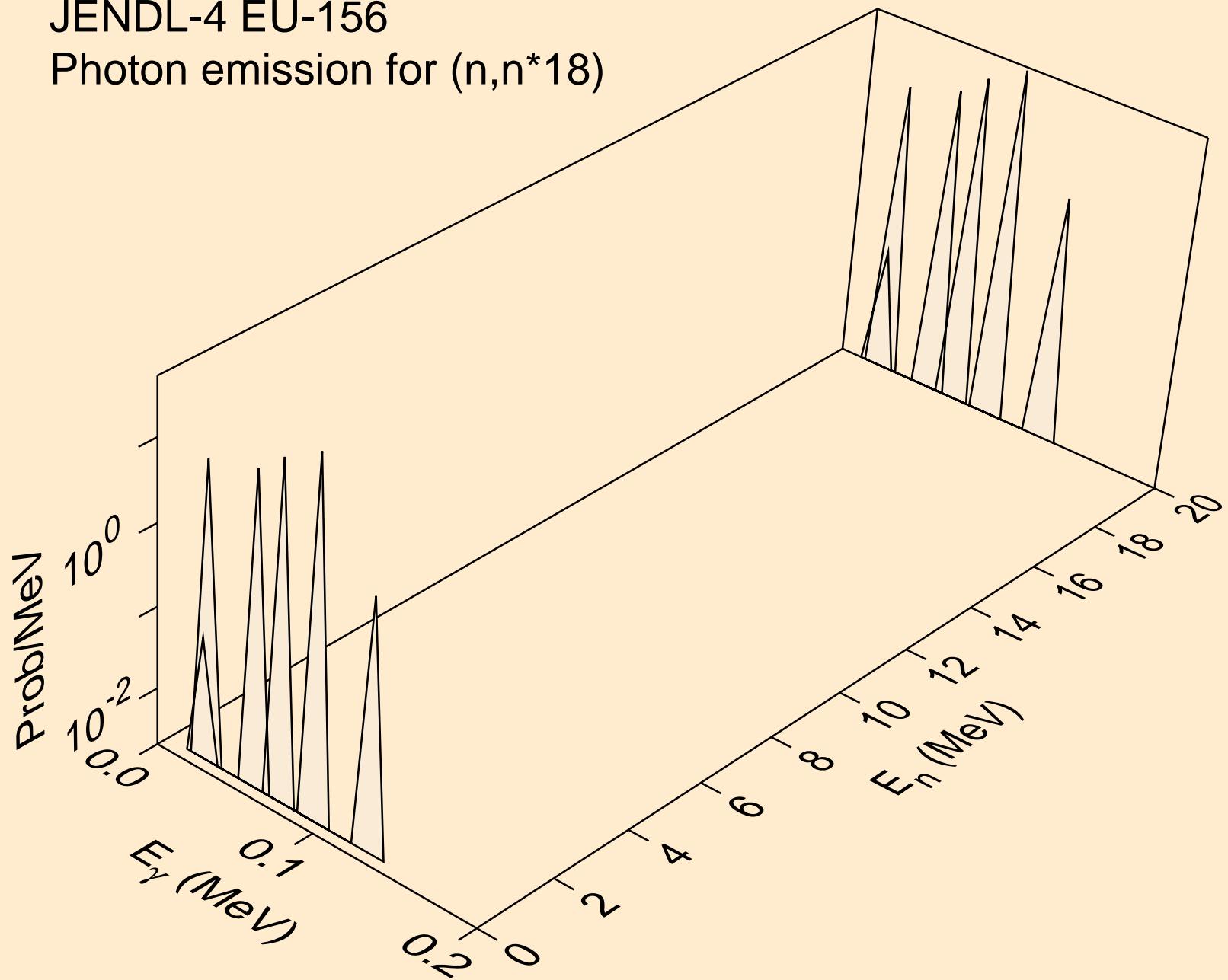
JENDL-4 EU-156  
Photon emission for ( $n, n^* 16$ )



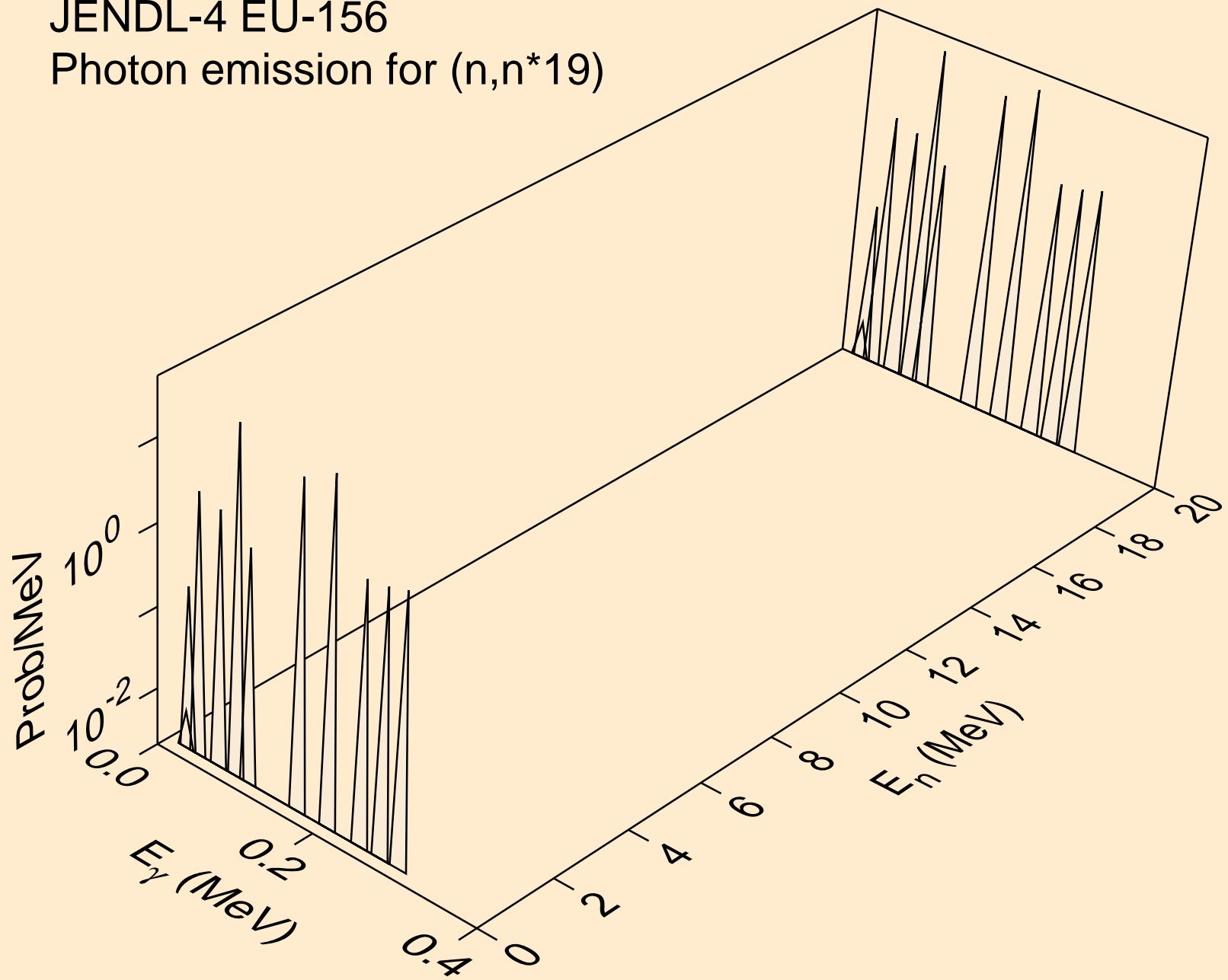
JENDL-4 EU-156  
Photon emission for ( $n, n^* 17$ )



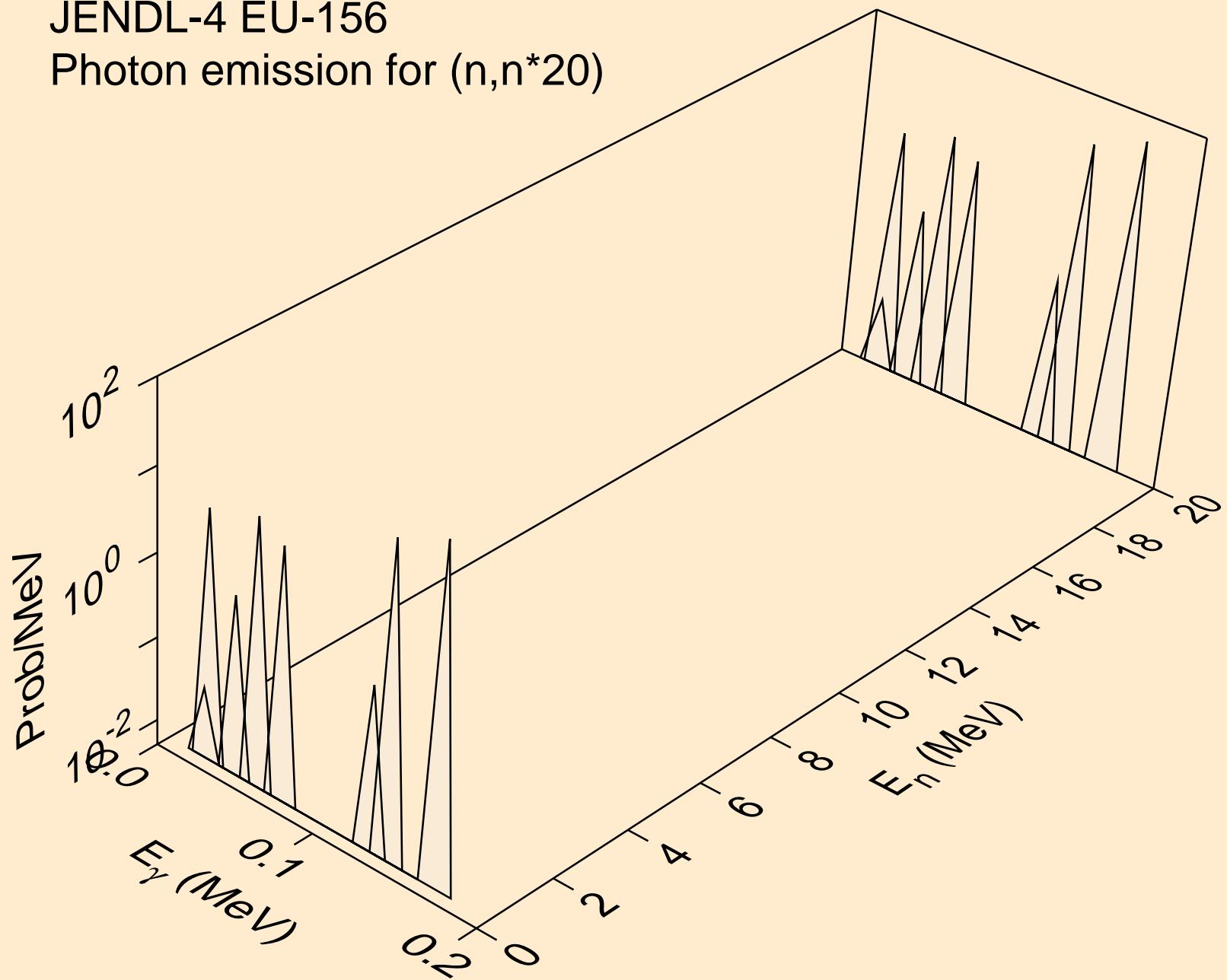
JENDL-4 EU-156  
Photon emission for (n,n\*18)



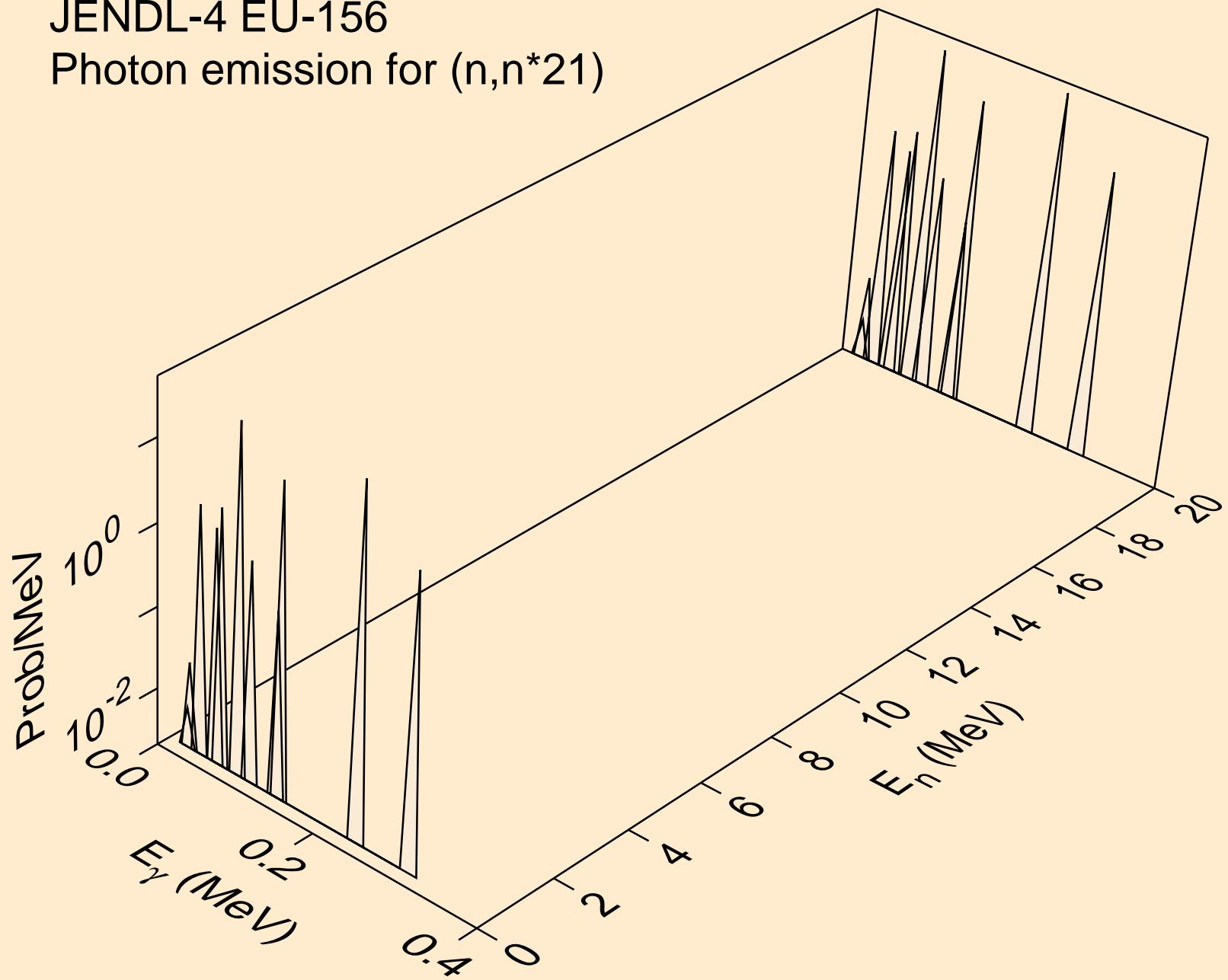
JENDL-4 EU-156  
Photon emission for ( $n, n^* 19$ )



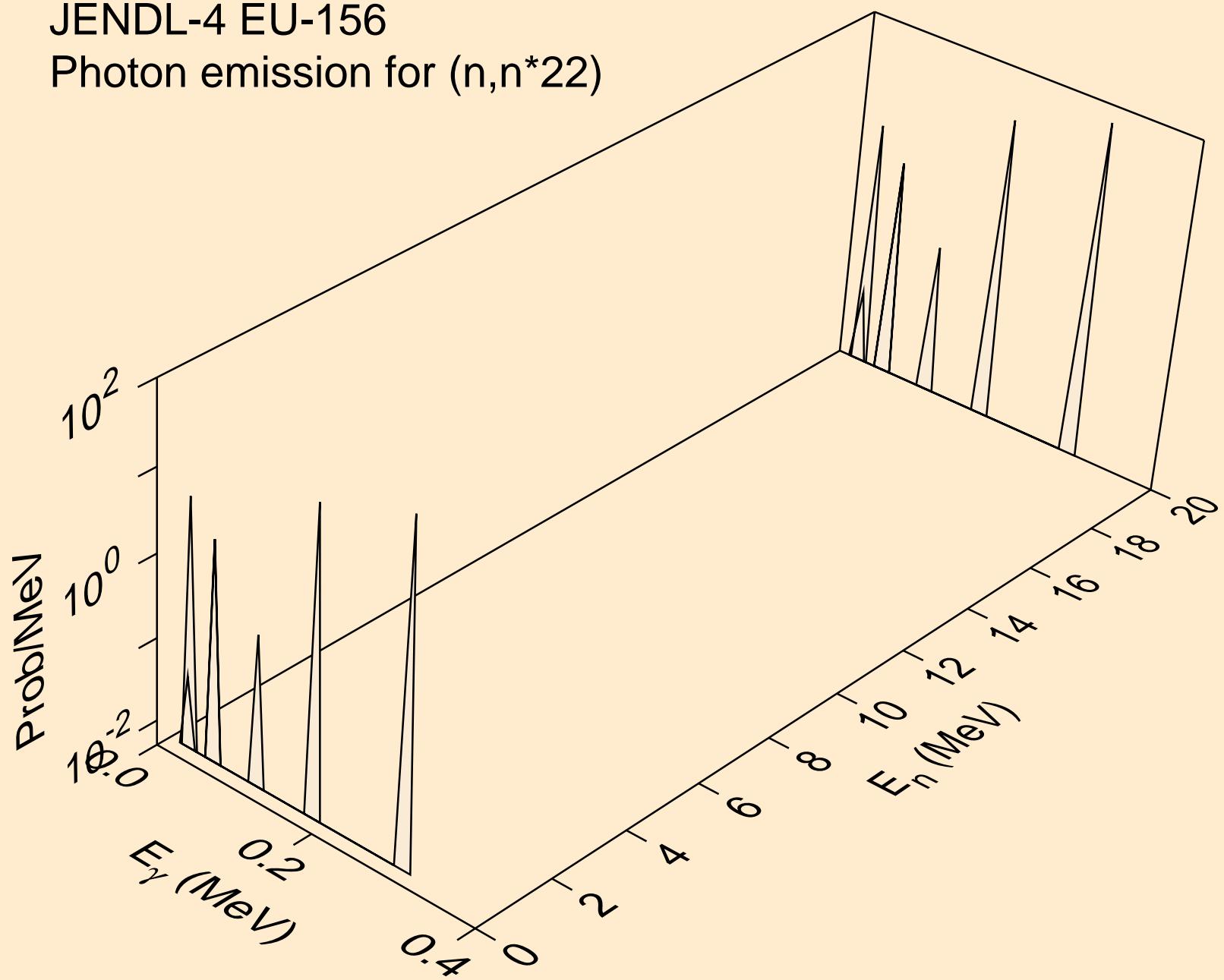
JENDL-4 EU-156  
Photon emission for ( $n, n^* 20$ )



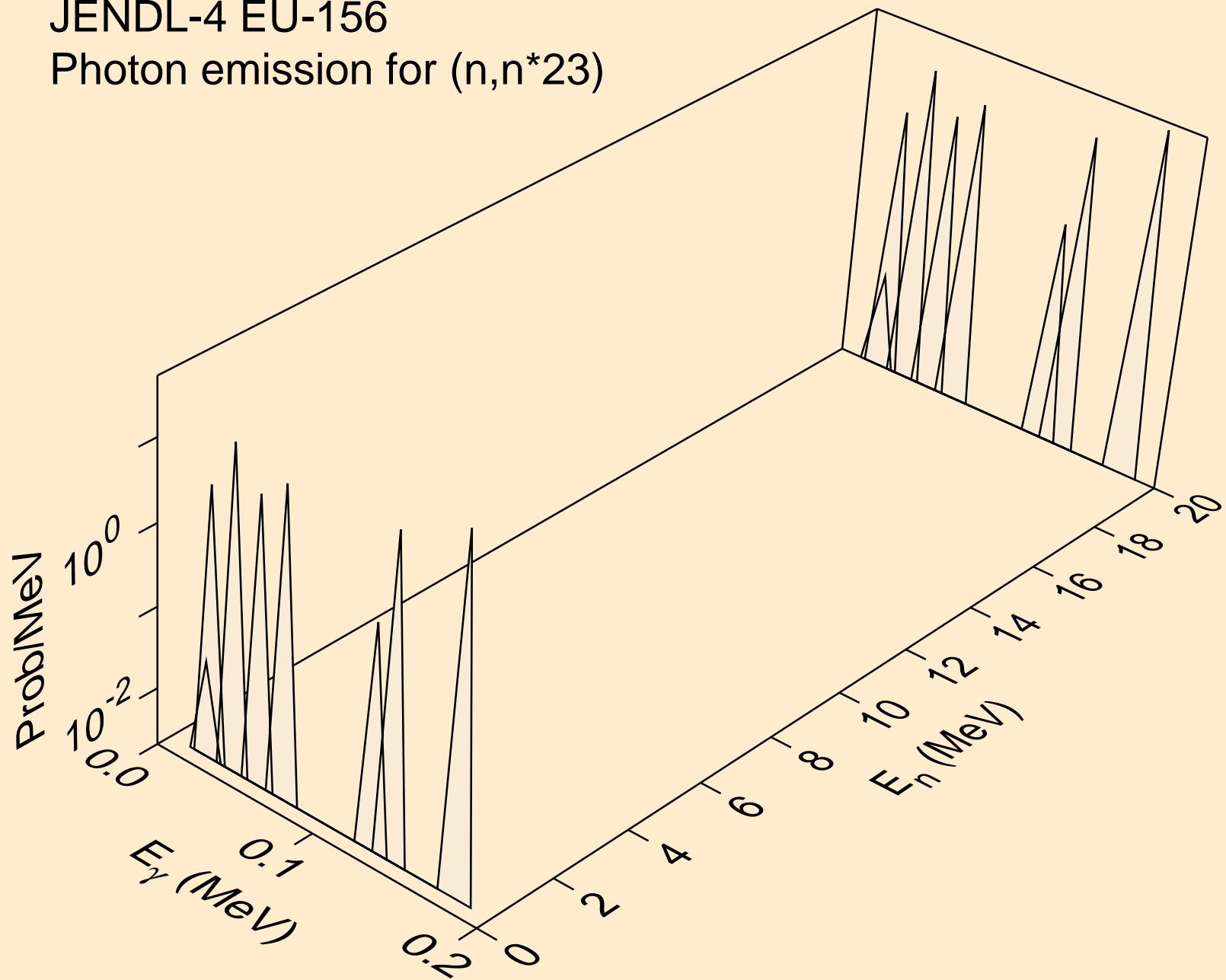
JENDL-4 EU-156  
Photon emission for ( $n, n^* 21$ )



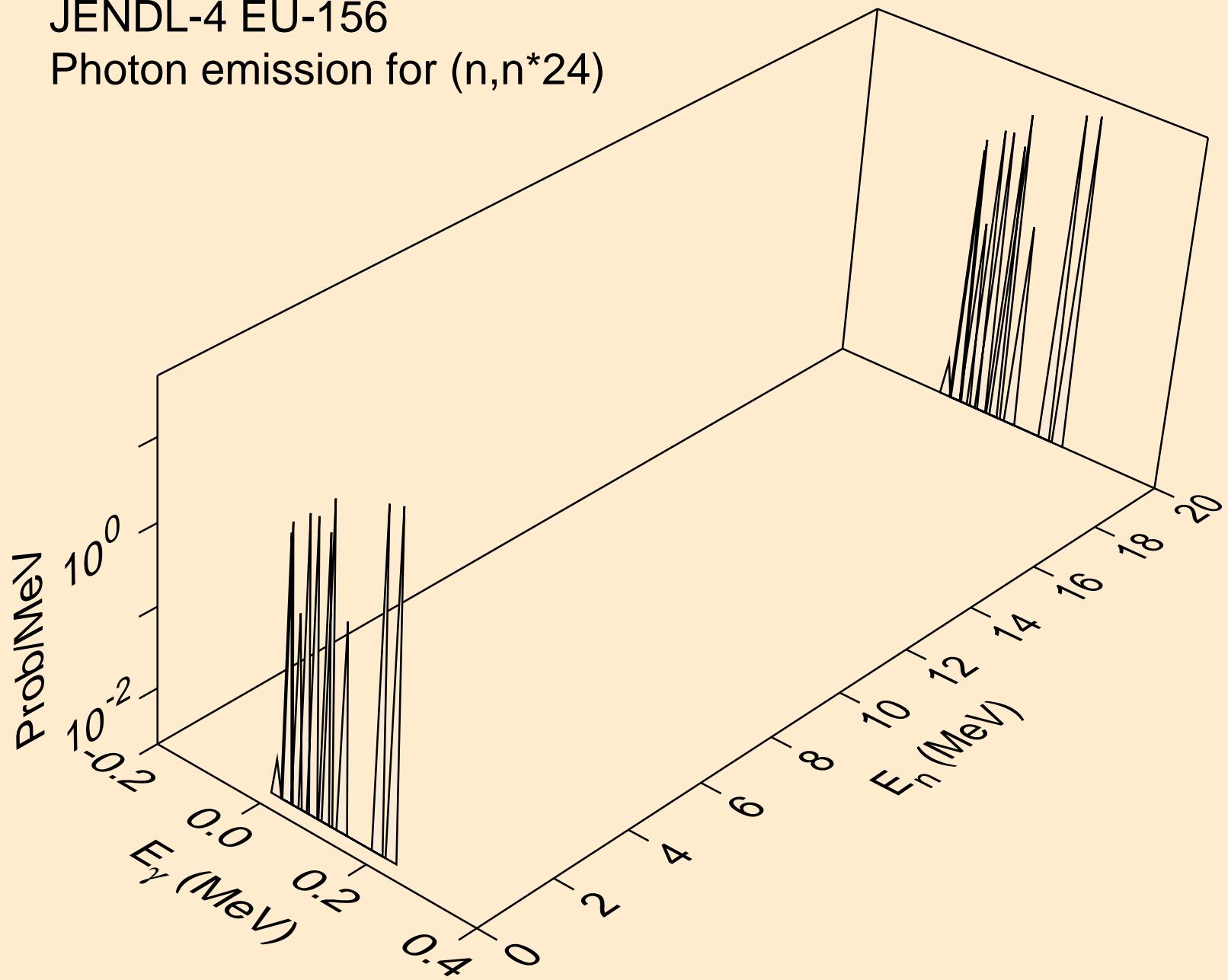
JENDL-4 EU-156  
Photon emission for ( $n, n^* 22$ )



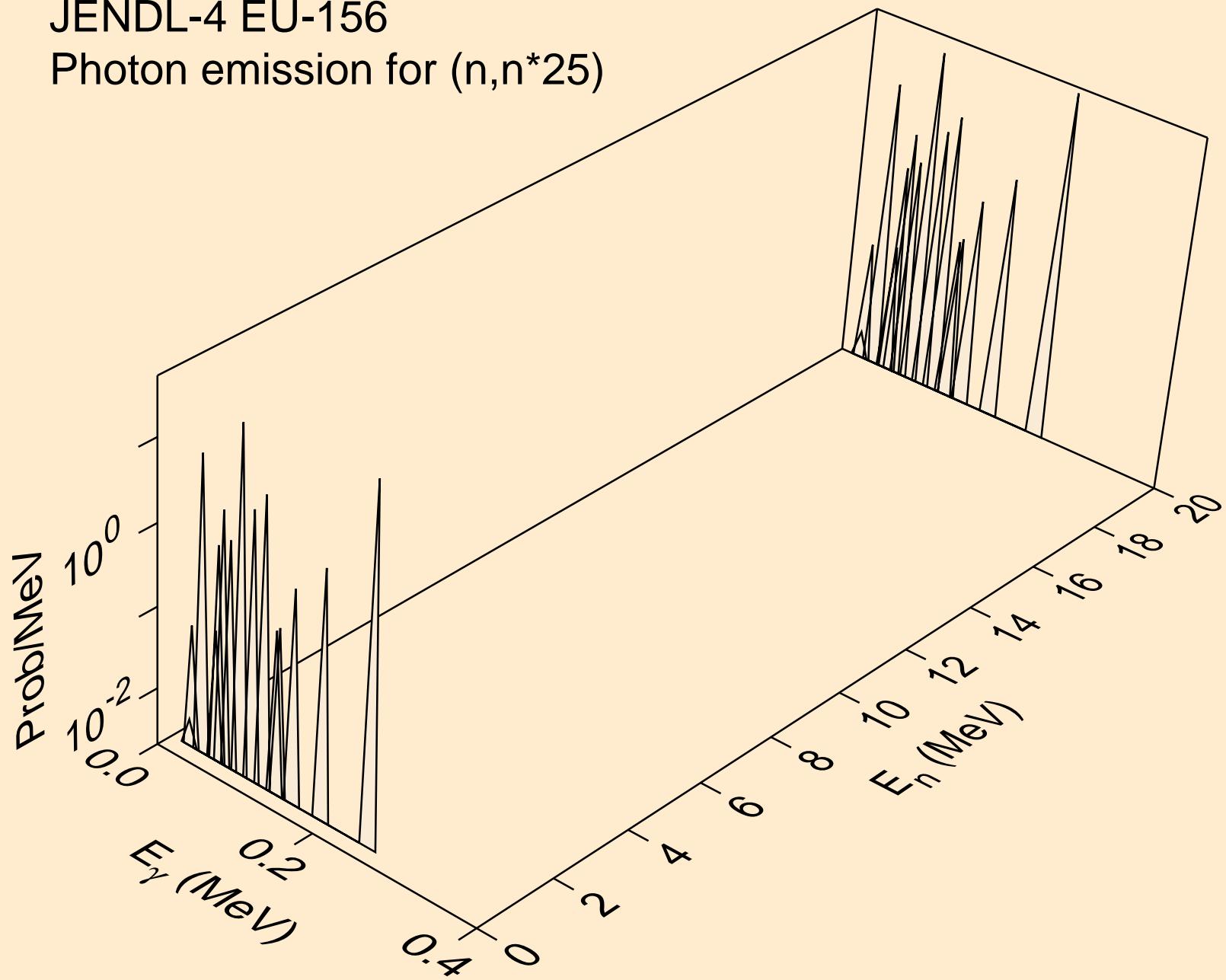
JENDL-4 EU-156  
Photon emission for ( $n, n^* 23$ )



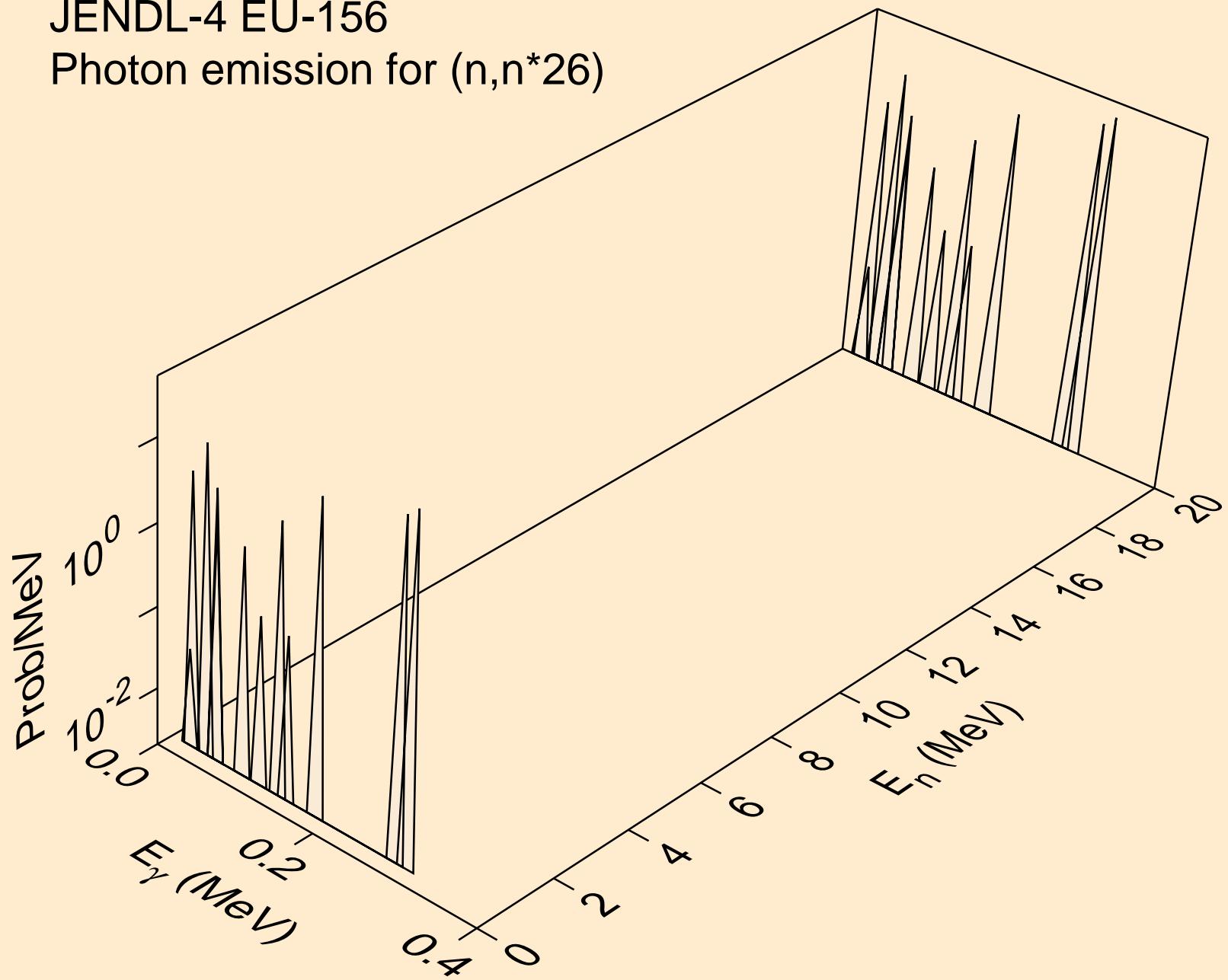
JENDL-4 EU-156  
Photon emission for ( $n, n^* 24$ )



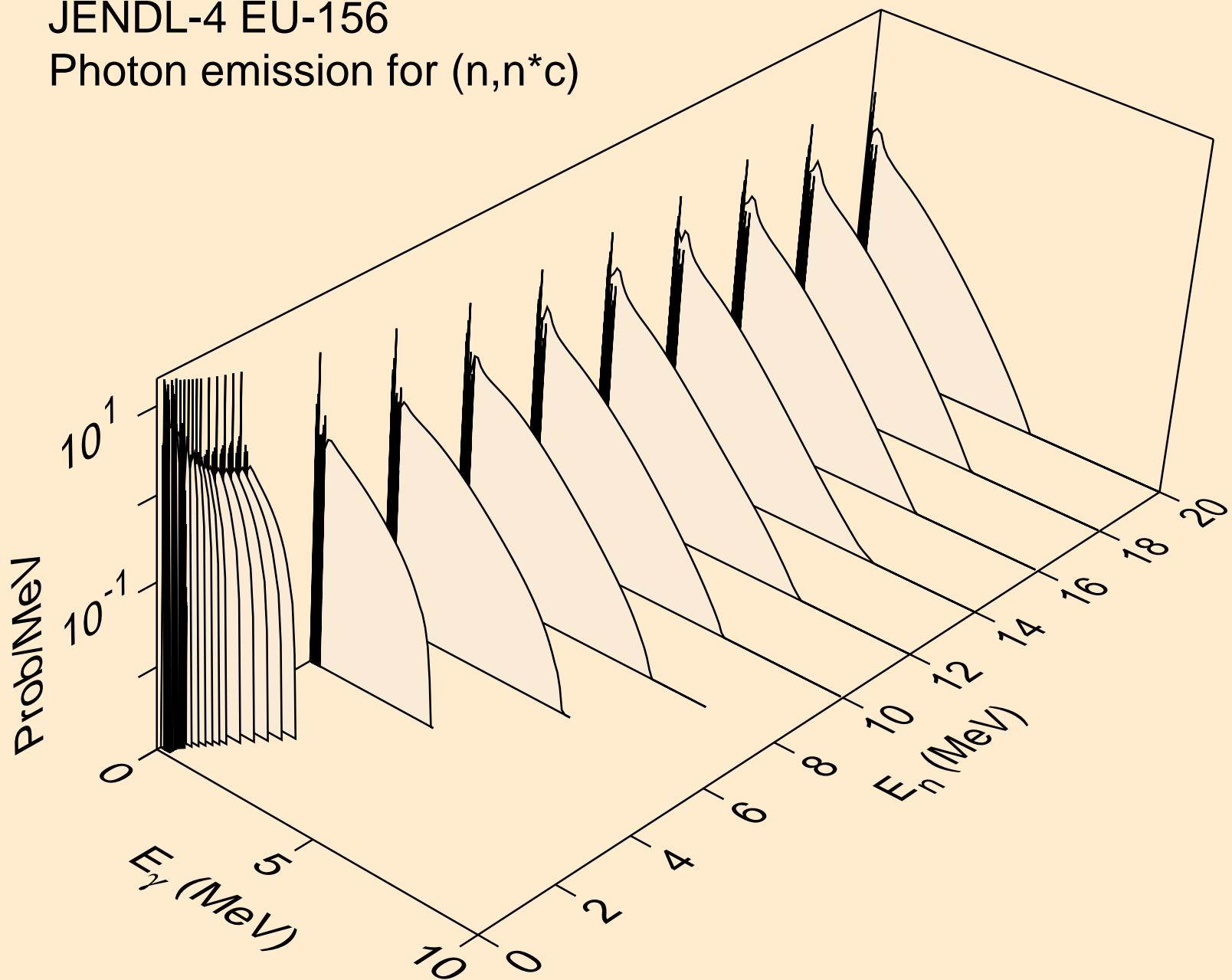
JENDL-4 EU-156  
Photon emission for ( $n, n^* 25$ )



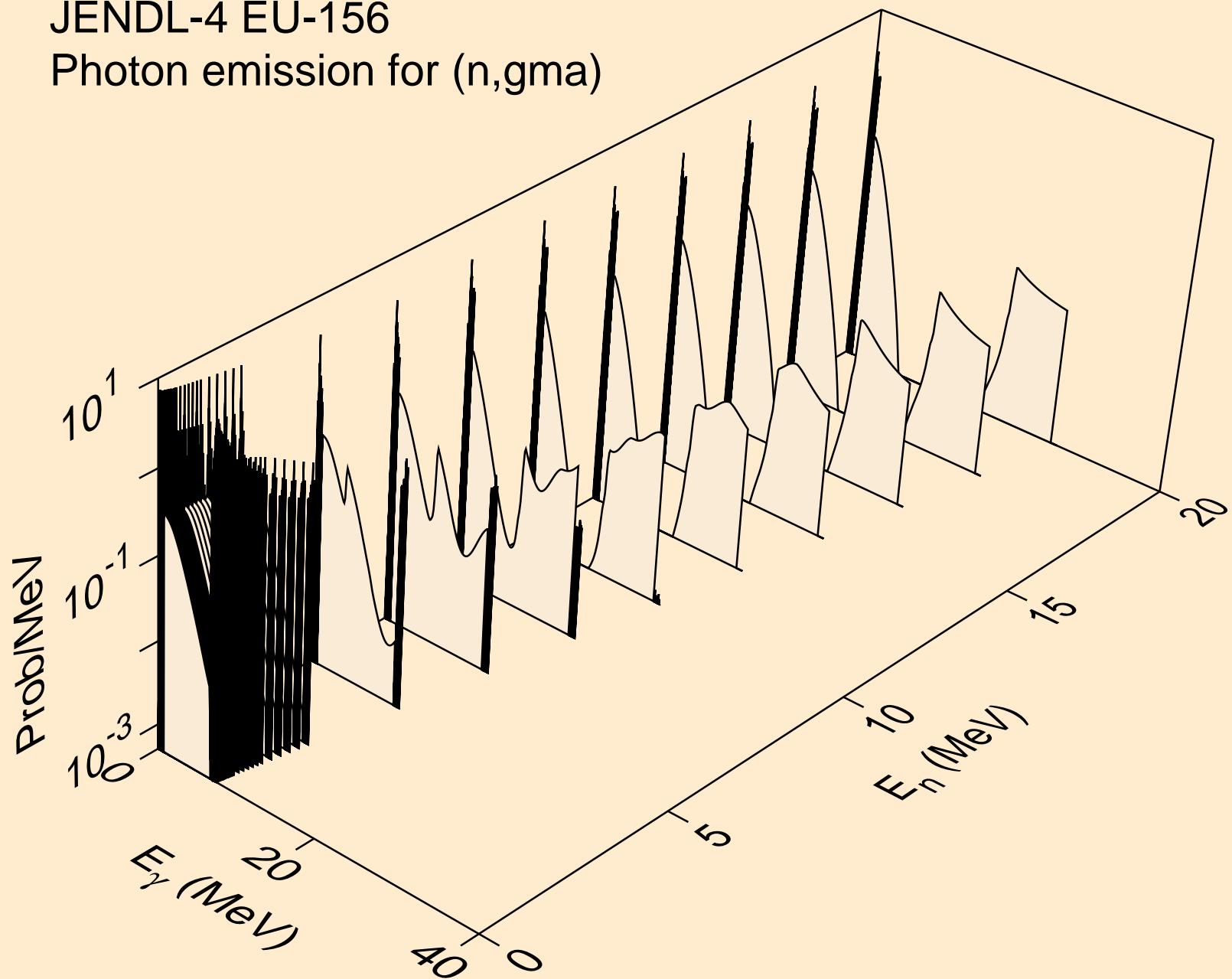
JENDL-4 EU-156  
Photon emission for ( $n, n^* 26$ )



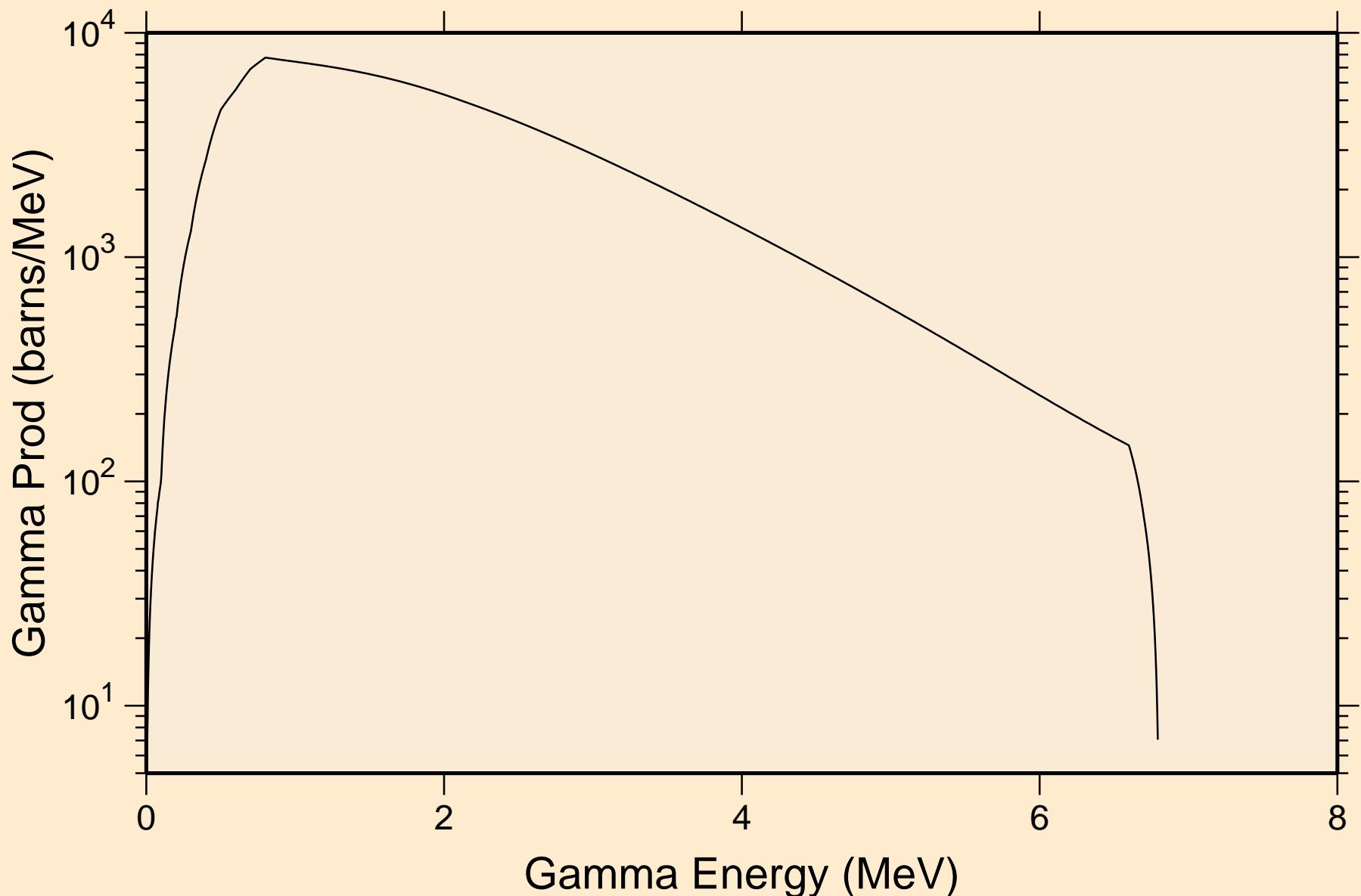
JENDL-4 EU-156  
Photon emission for  $(n,n^*c)$



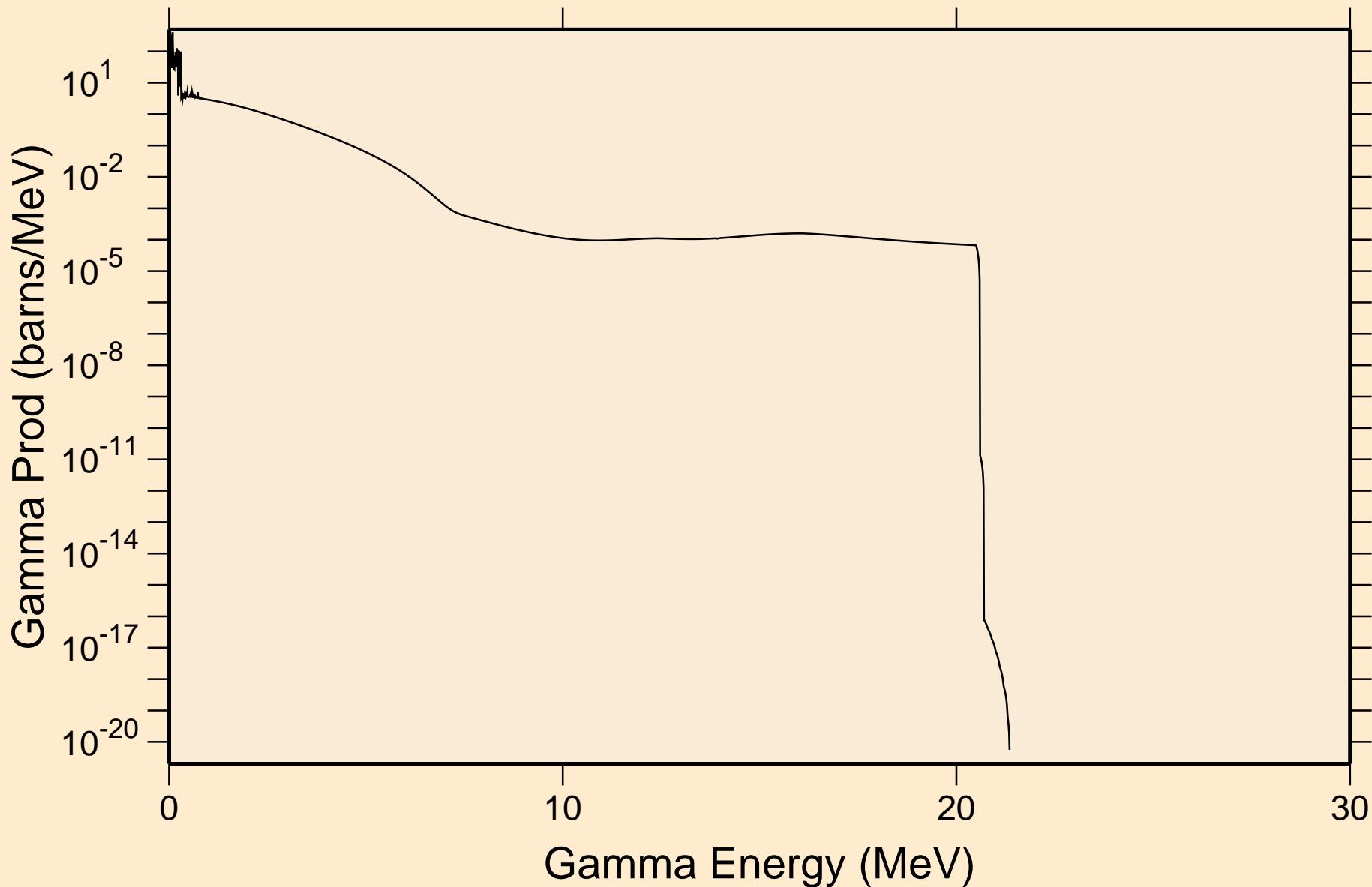
JENDL-4 EU-156  
Photon emission for (n,gma)



JENDL-4 EU-156  
thermal capture photon spectrum

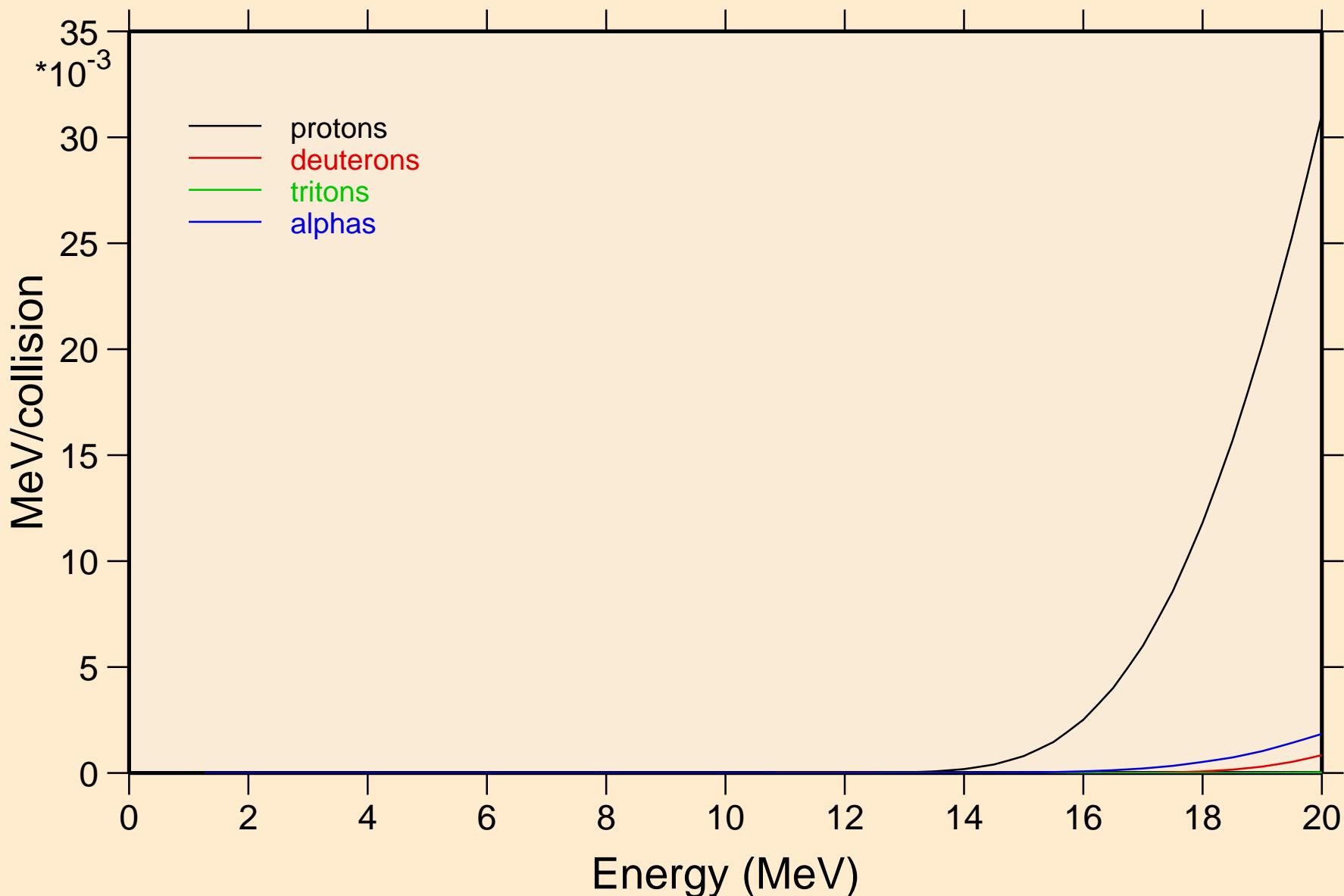


JENDL-4 EU-156  
14 MeV photon spectrum

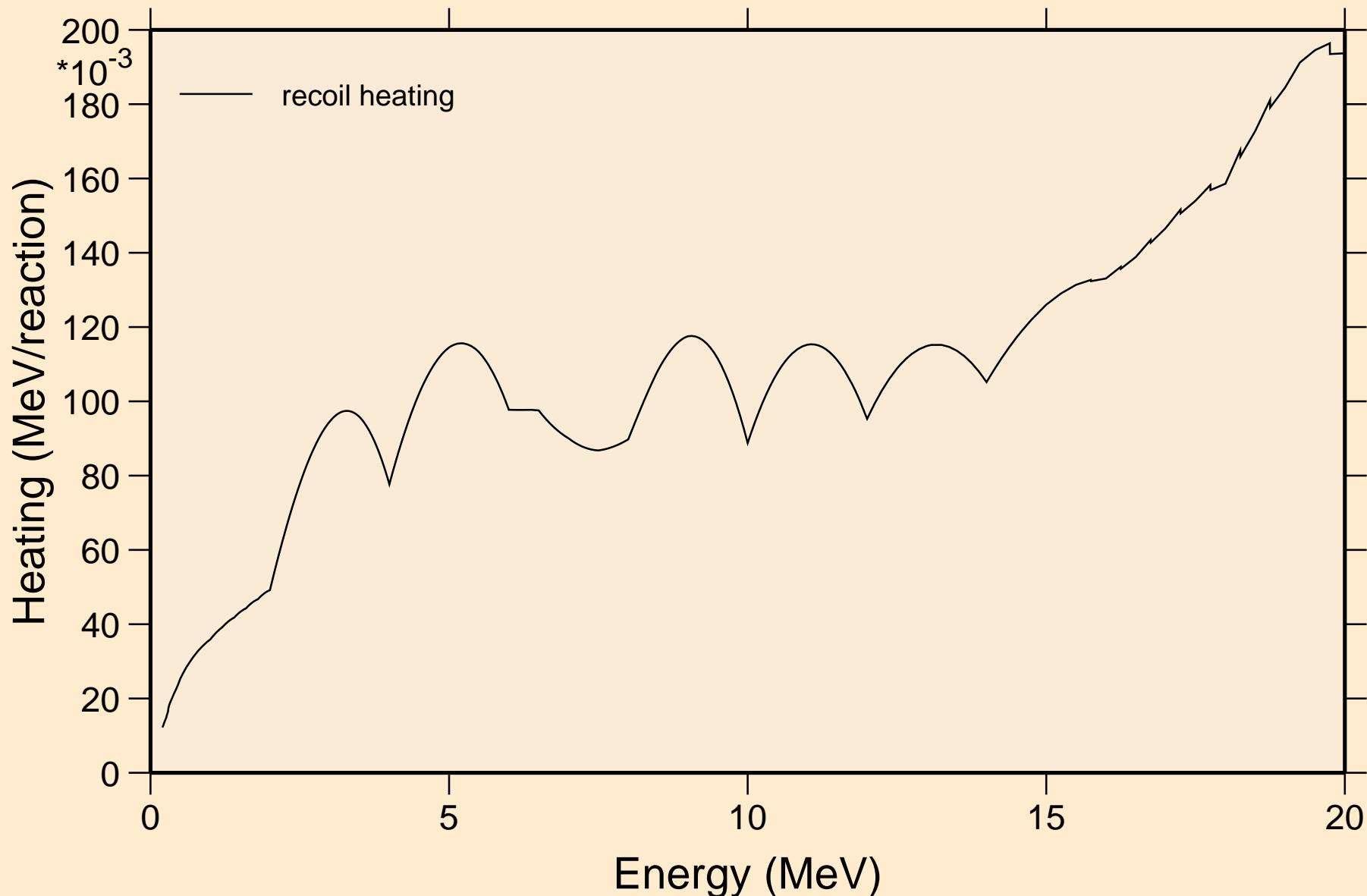


# JENDL-4 EU-156

## Particle heating contributions

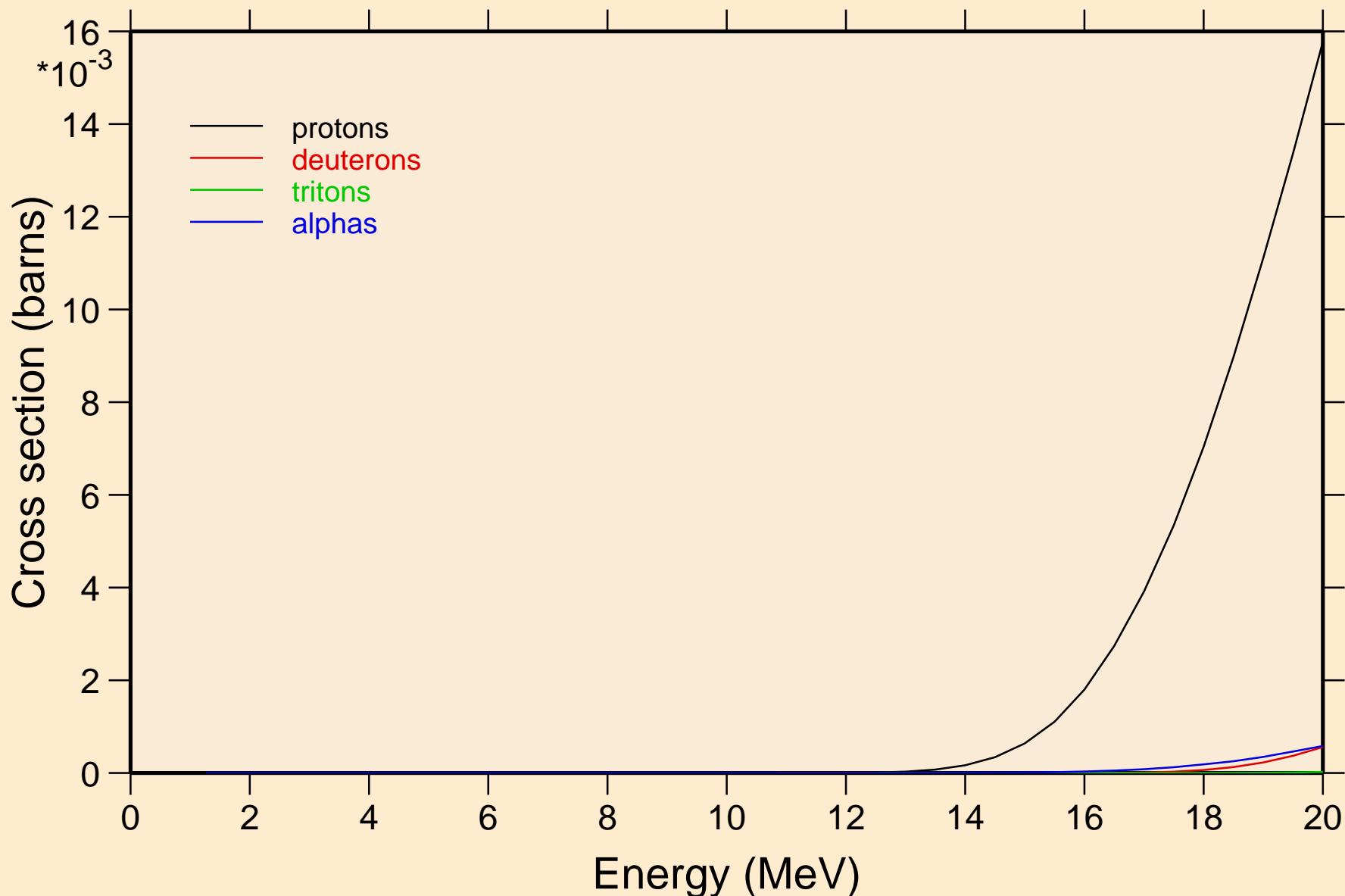


JENDL-4 EU-156  
Recoil Heating

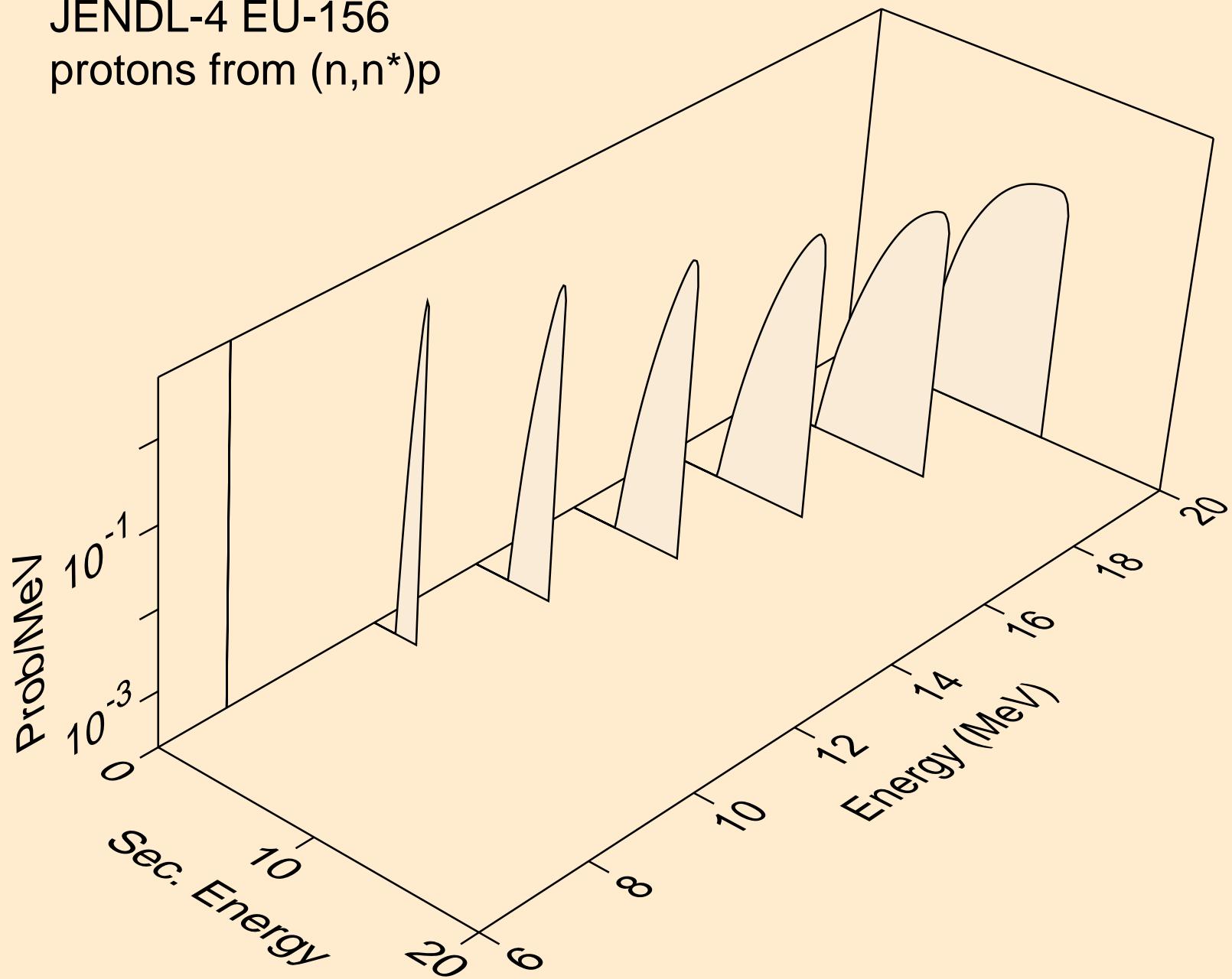


# JENDL-4 EU-156

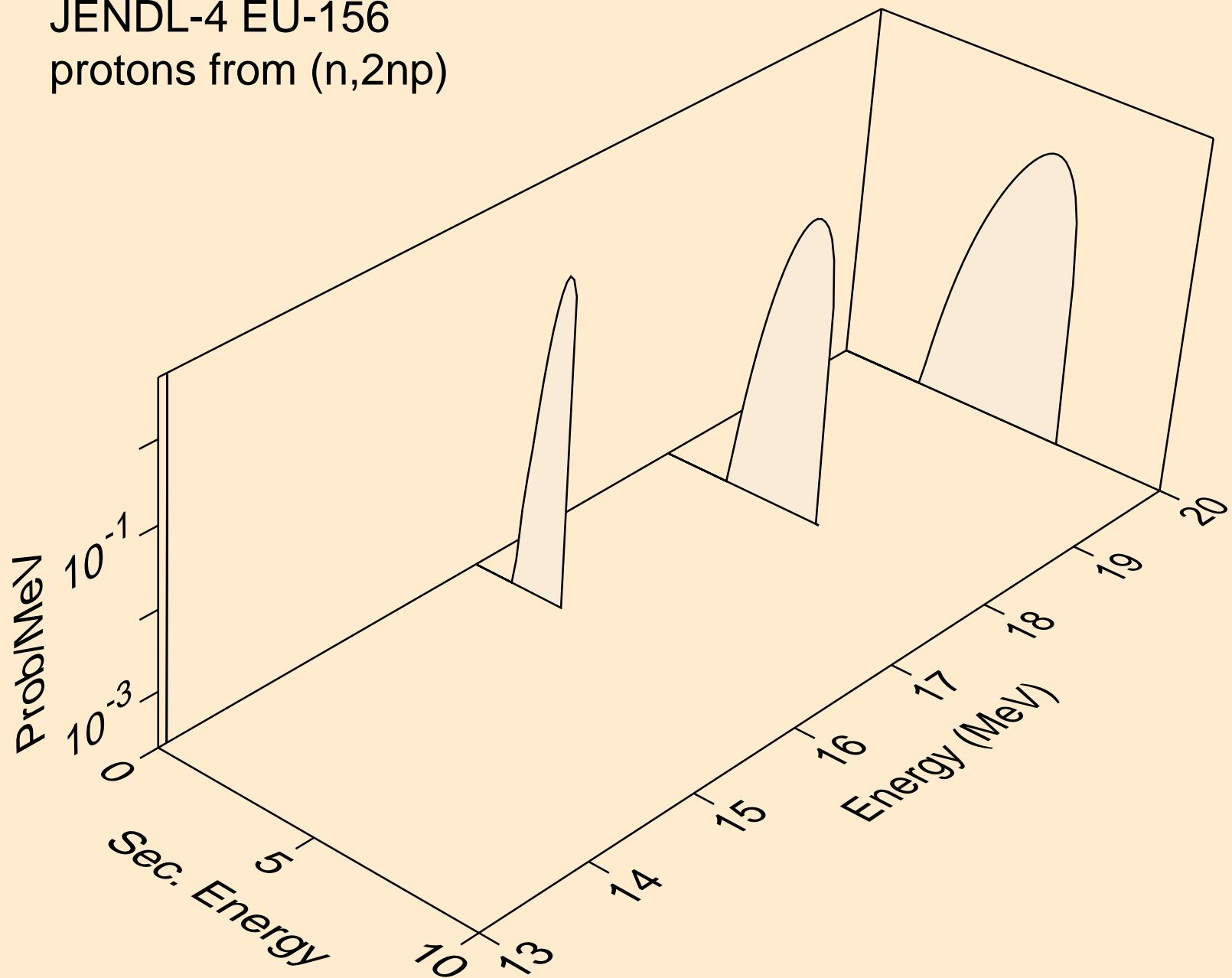
## Particle production cross sections



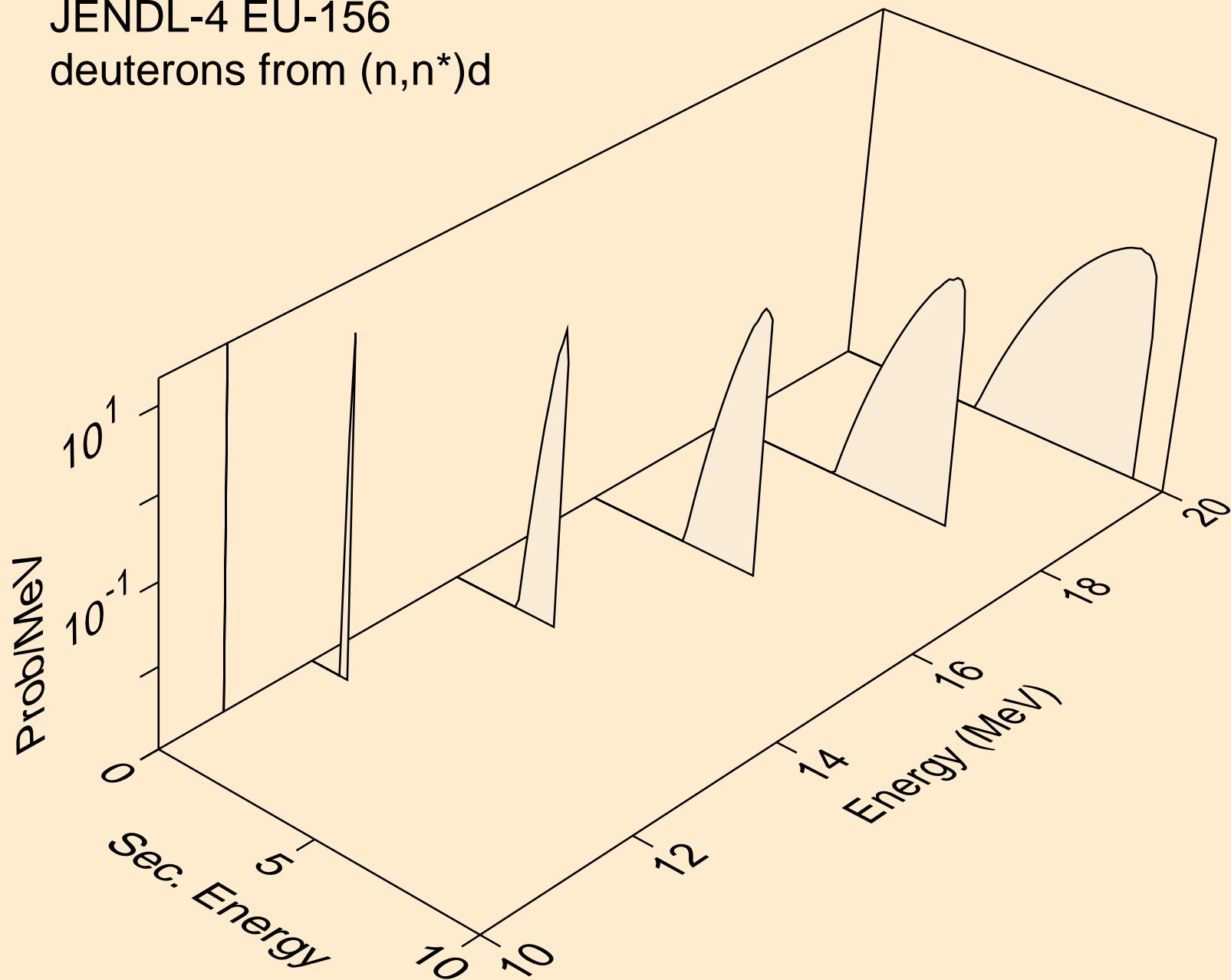
JENDL-4 EU-156  
protons from  $(n,n^*)p$



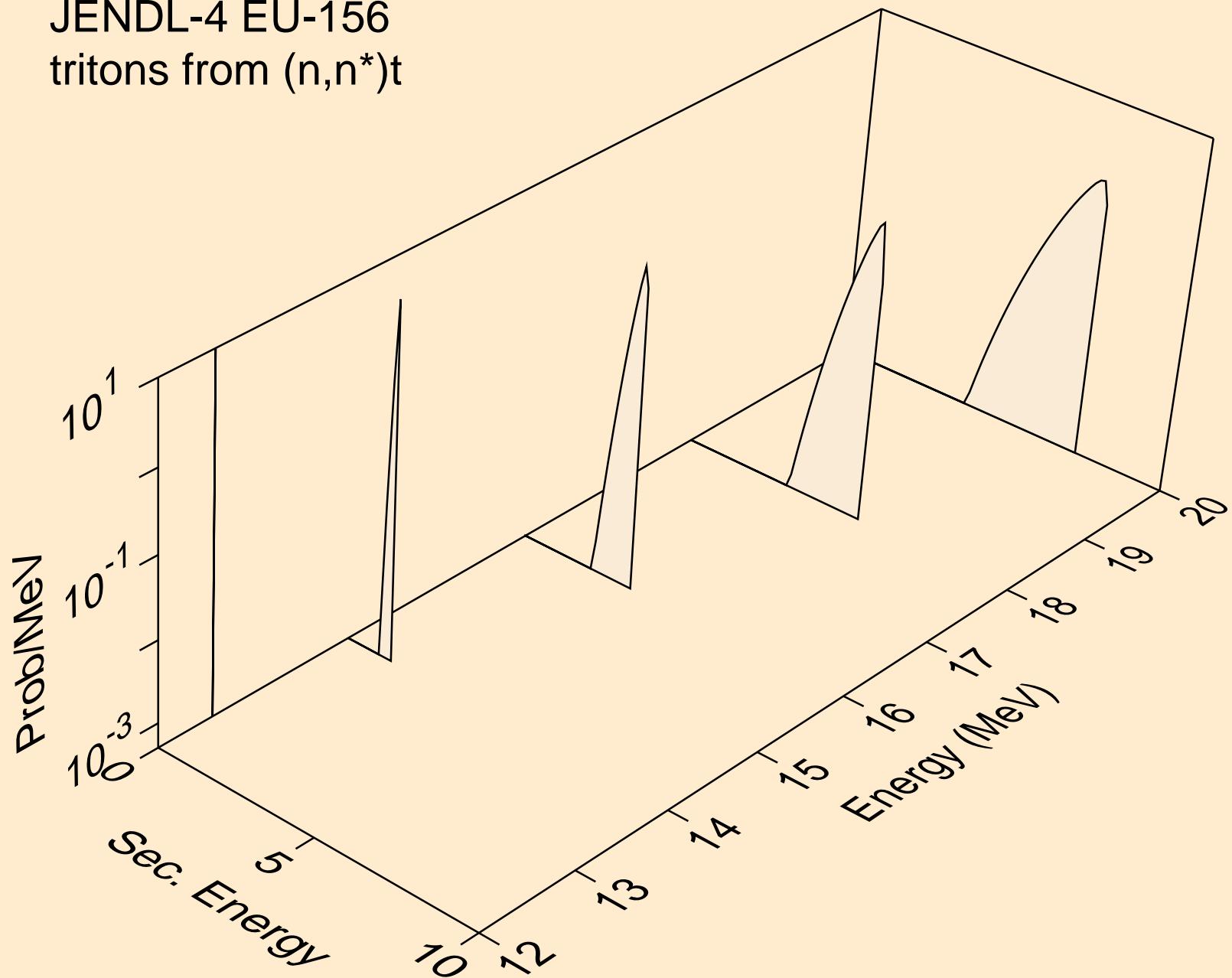
JENDL-4 EU-156  
protons from ( $n,2np$ )



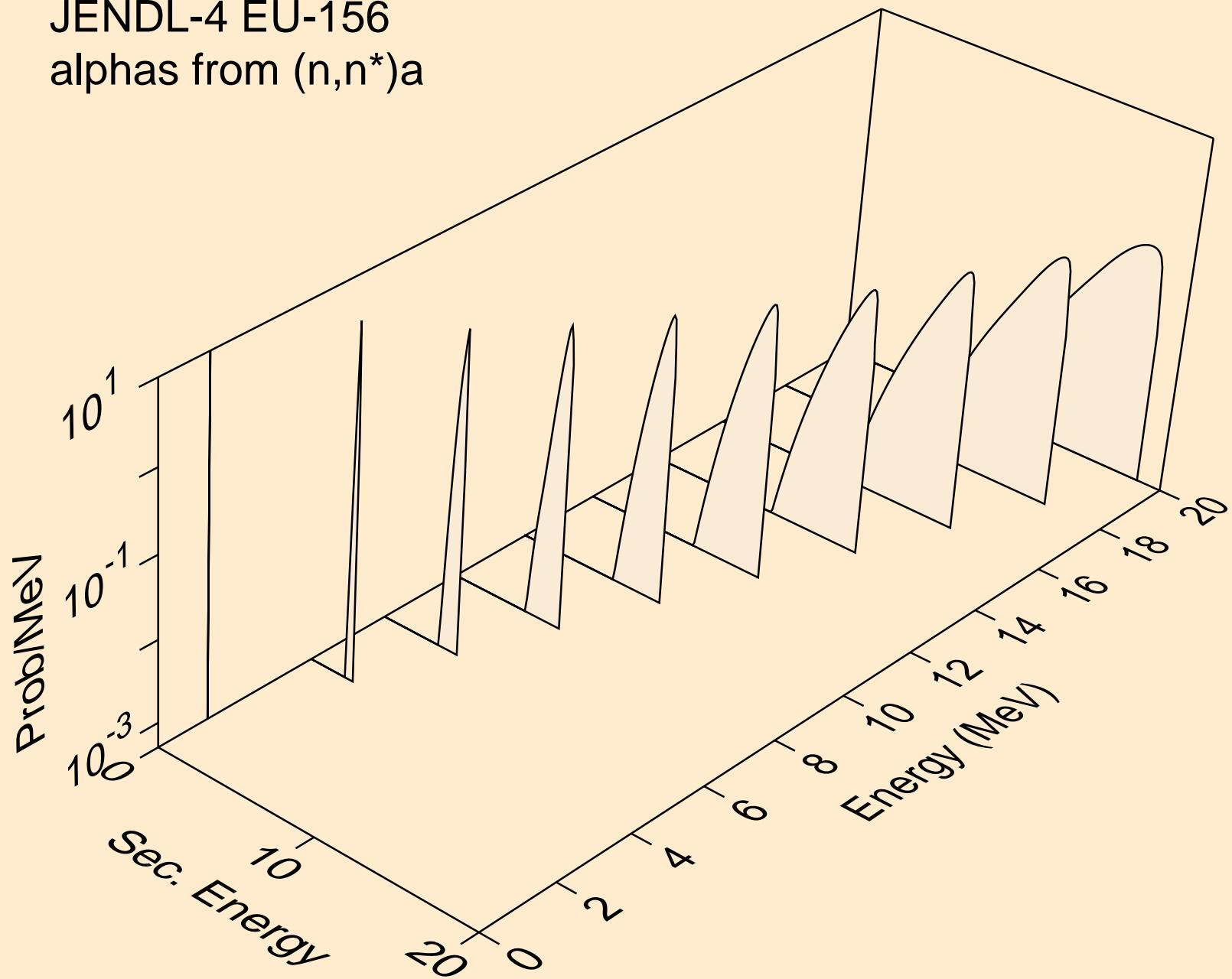
JENDL-4 EU-156  
deuterons from  $(n,n^*)d$



JENDL-4 EU-156  
tritons from  $(n,n^*)t$



JENDL-4 EU-156  
alphas from  $(n,n^*)a$



JENDL-4 EU-156  
alphas from  $(n,2n)a$

